

Atty. Docket No. 03424.P007D

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
John Stephen Smith, et al. )  
Application No. \_\_\_\_\_ )  
Filed: August 4, 2003 )  
For: METHODS AND APPARATUS FOR )  
FLUIDIC SELF ASSEMBLY )  
\_\_\_\_\_  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SUBMISSION OF FORMAL DRAWINGS

Dear Sir:

Transmitted herewith is a complete set of formal drawings, comprising eighteen (18) sheets and sixty (60) figures for the above-identified application.

Respectfully submitted,  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Date: 8/4, 2003

  
\_\_\_\_\_  
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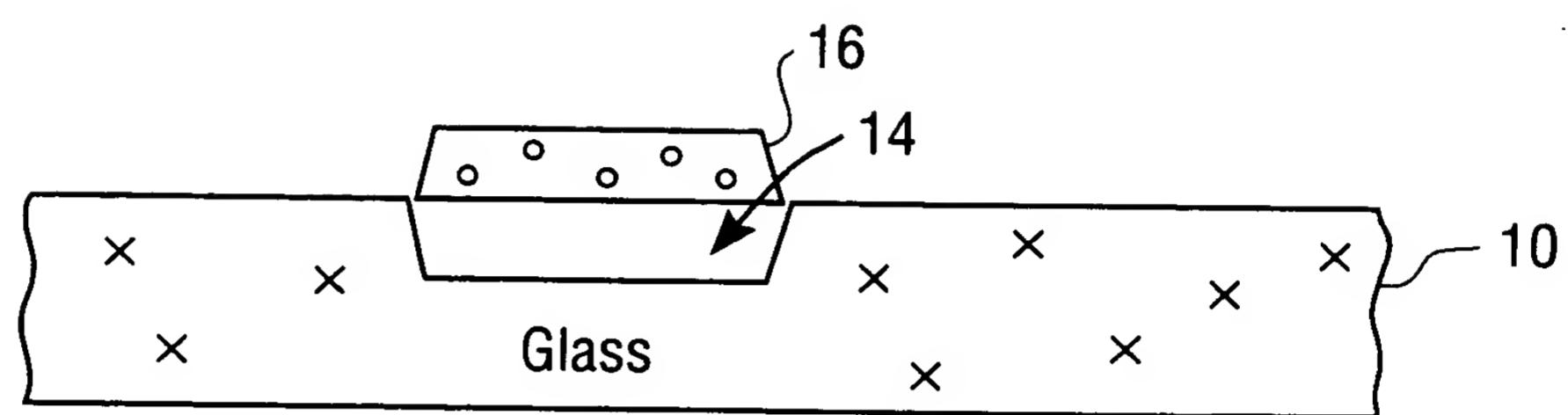
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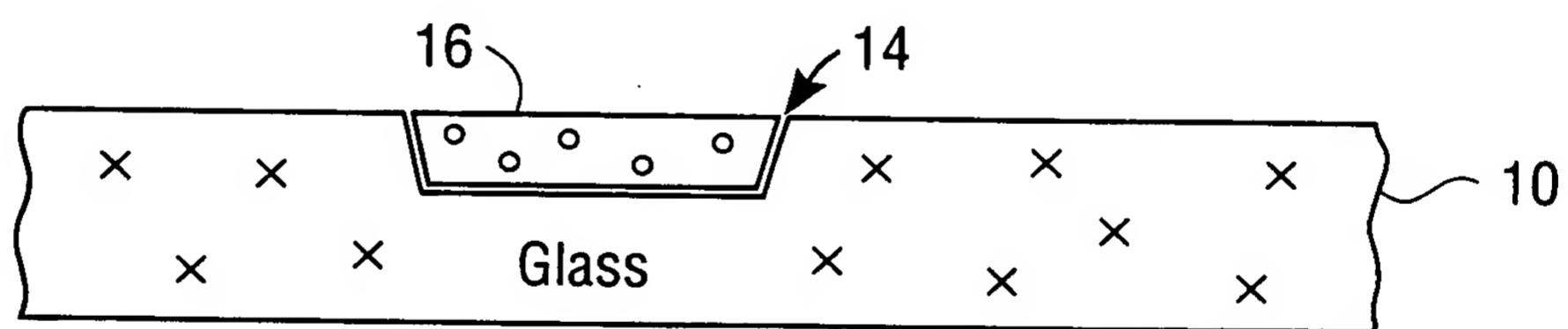
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(Typed or printed name of person  
mailing paper or fee)

Connie Thayer  
(Signature of person mailing paper or fee)

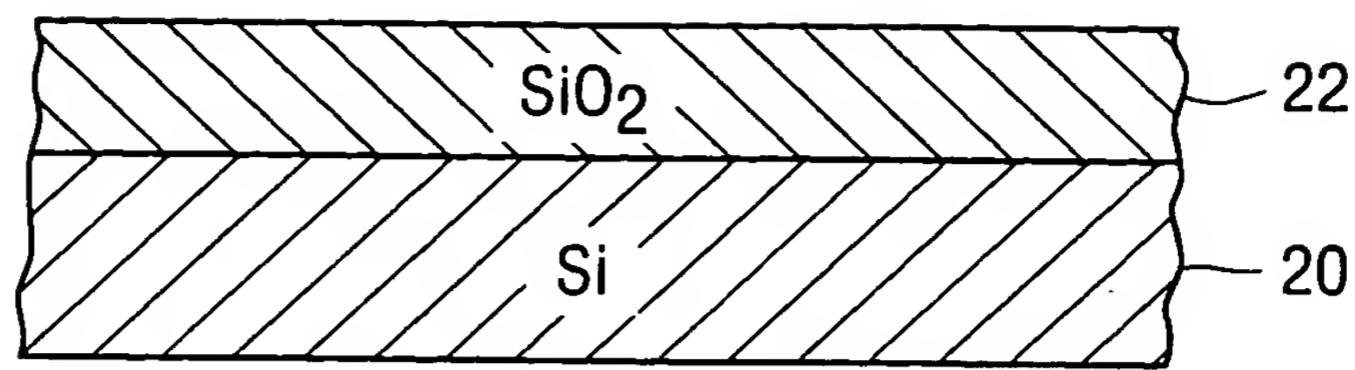
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(Date signed)



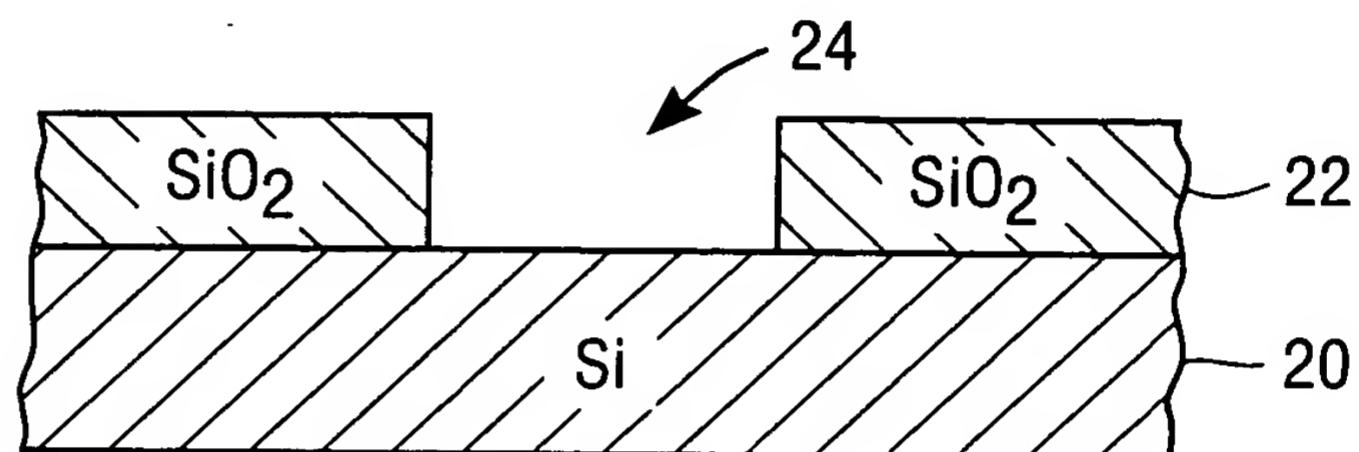
**FIG. 1A**  
(Prior Art)



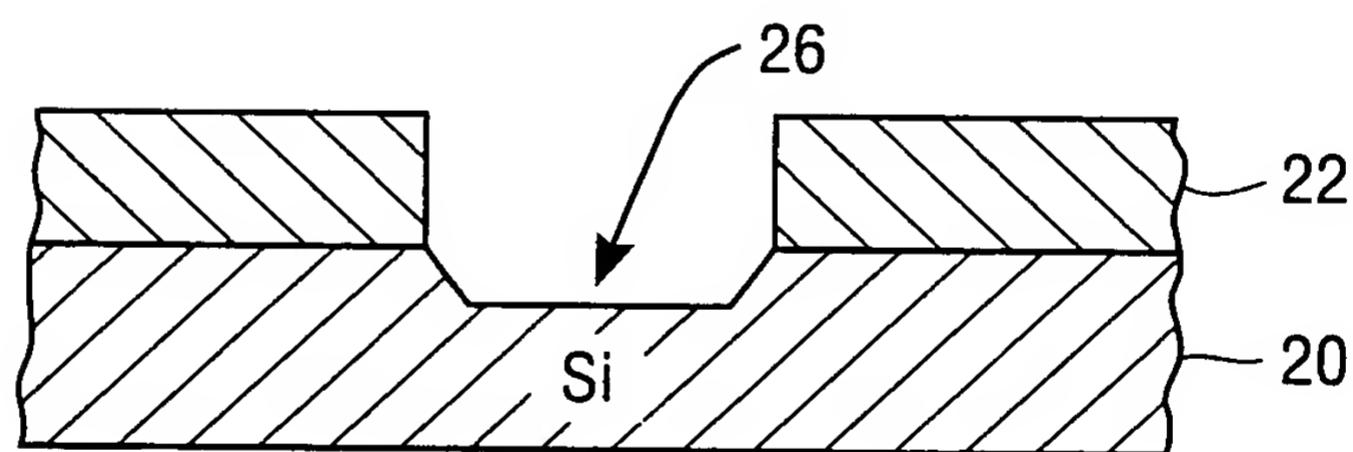
**FIG. 1B**  
(Prior Art)



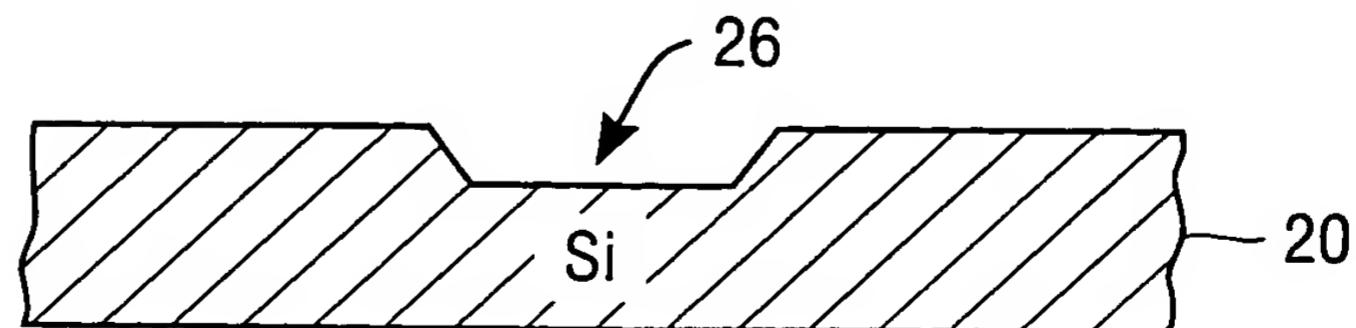
**FIG. 2A**  
(Prior Art)



**FIG. 2B**  
(Prior Art)



**FIG. 2C**  
(Prior Art)



**FIG. 2D**  
(Prior Art)

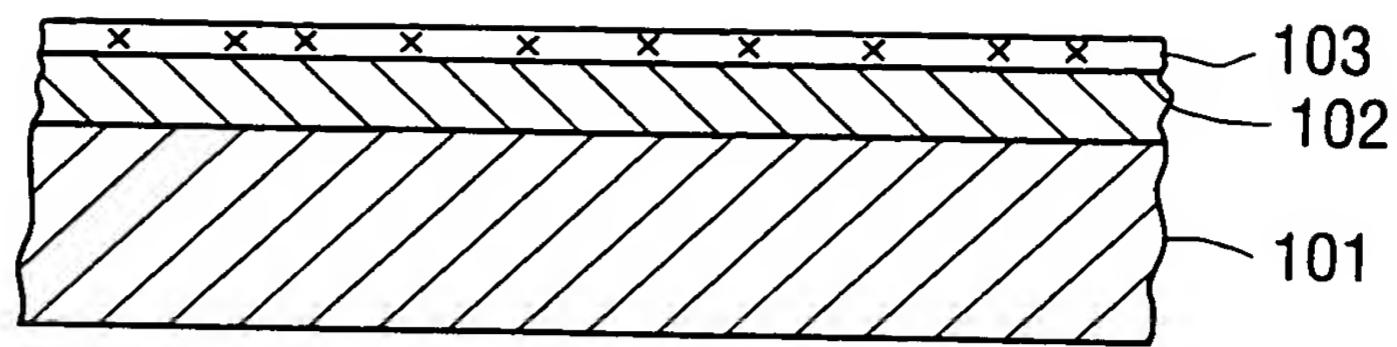


FIG. 3A

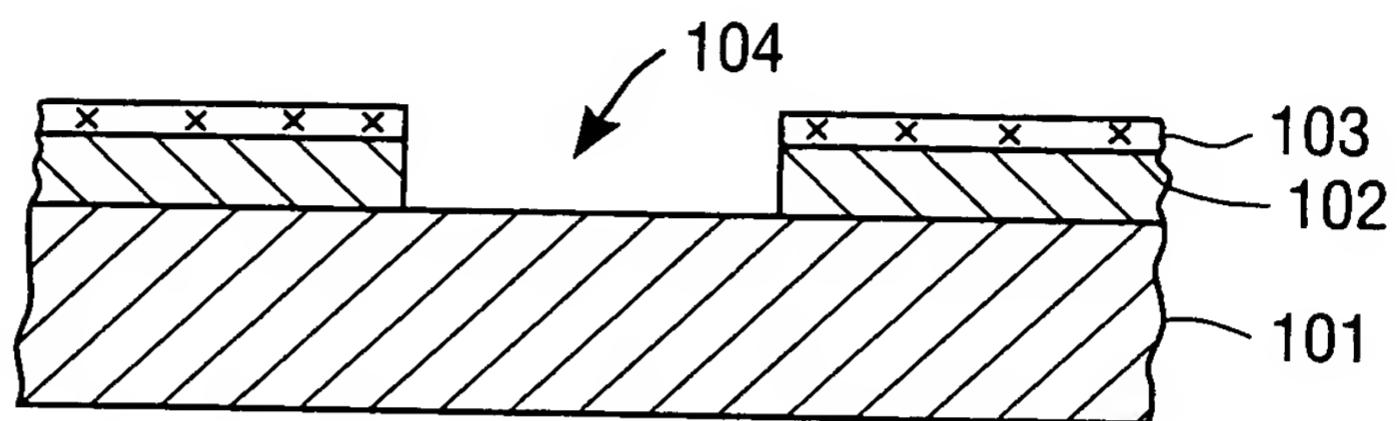


FIG. 3B

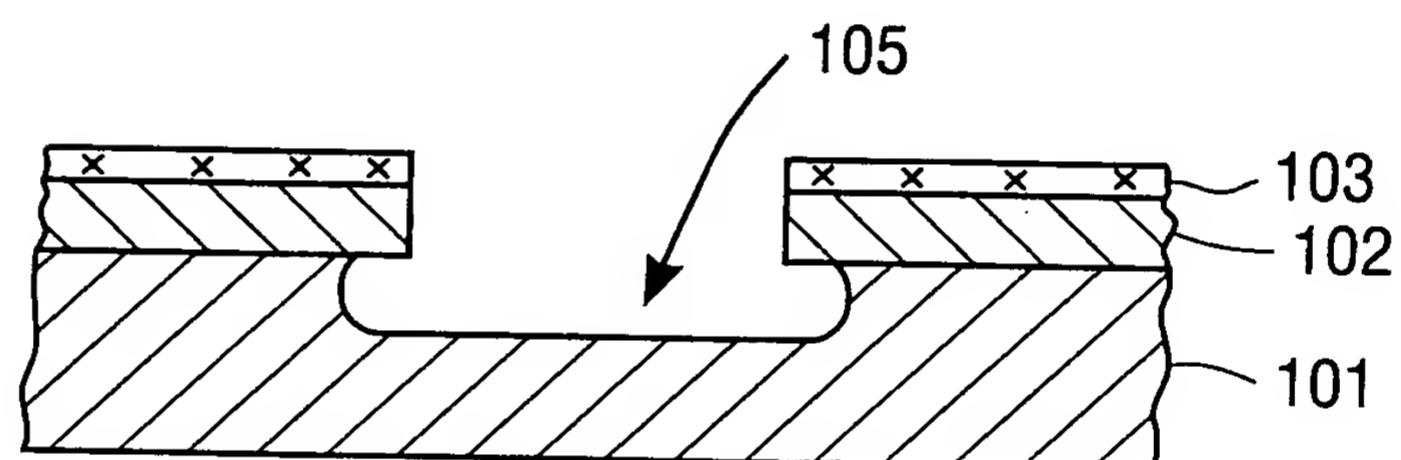


FIG. 3C

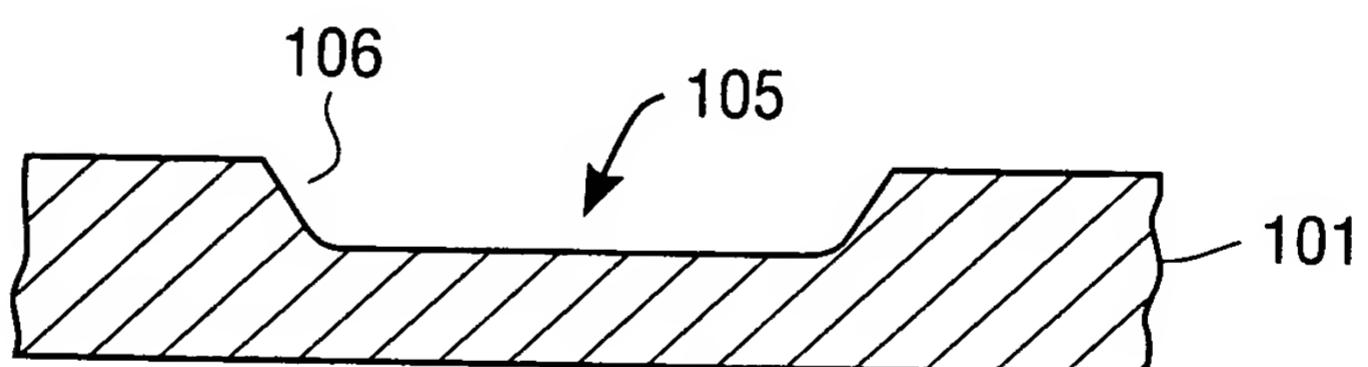


FIG. 3D

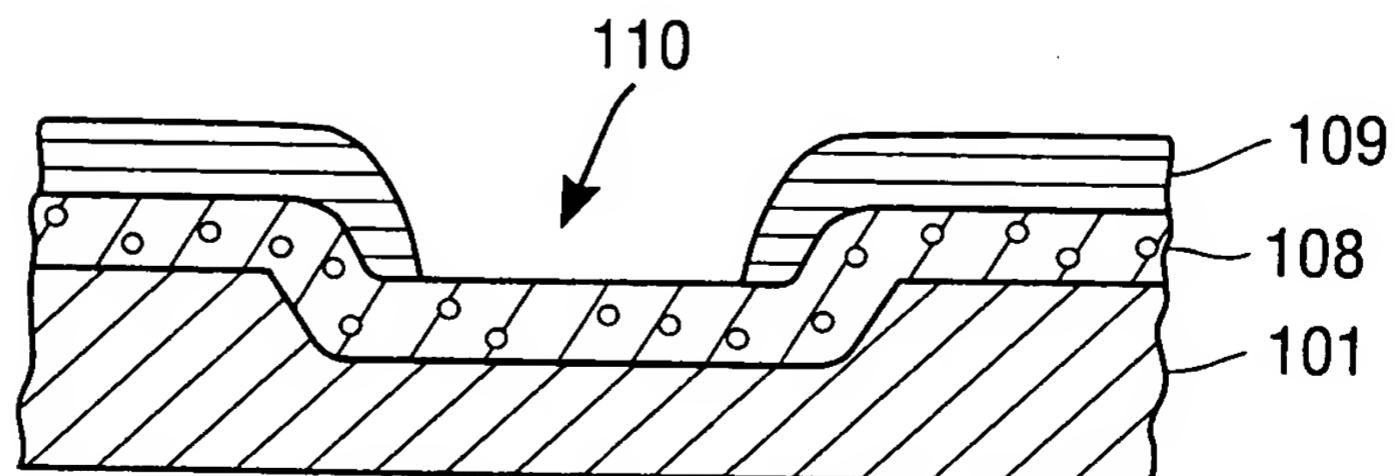
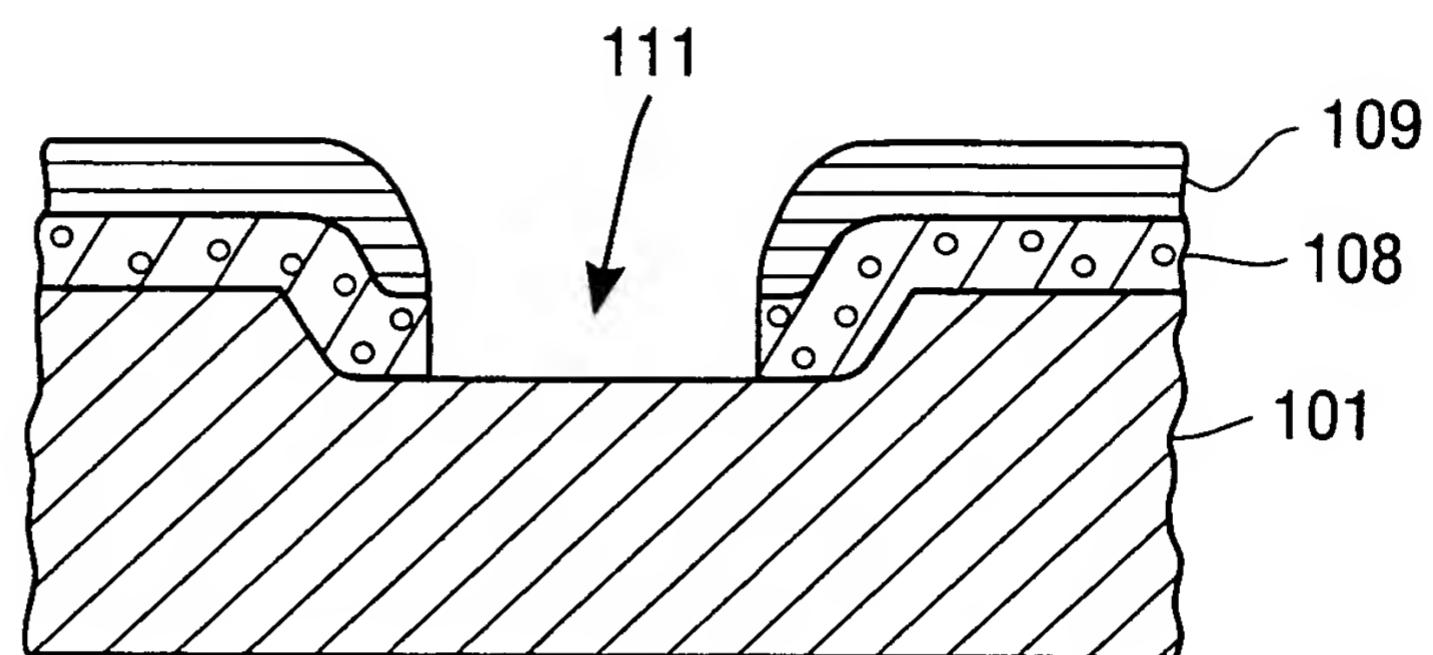
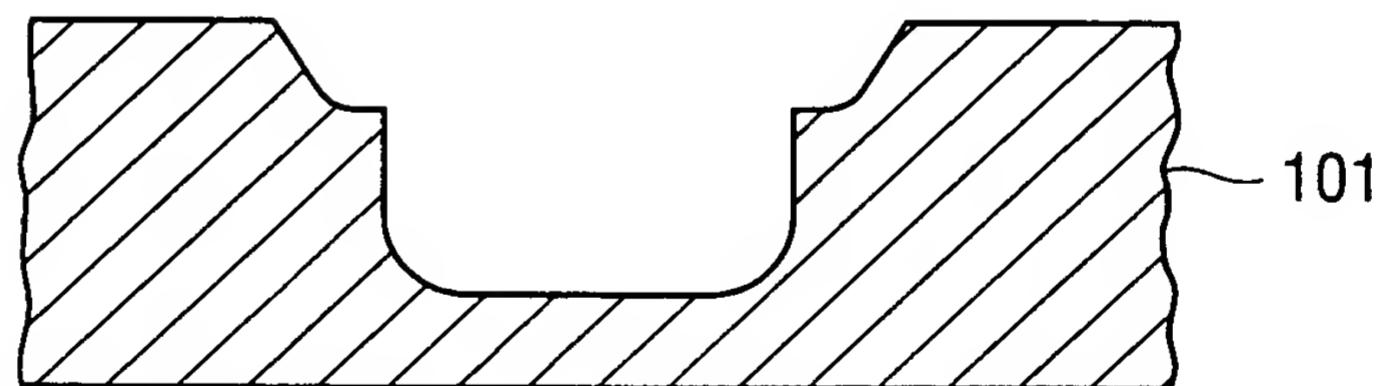


FIG. 3E



**FIG. 3F**



**FIG. 3G**

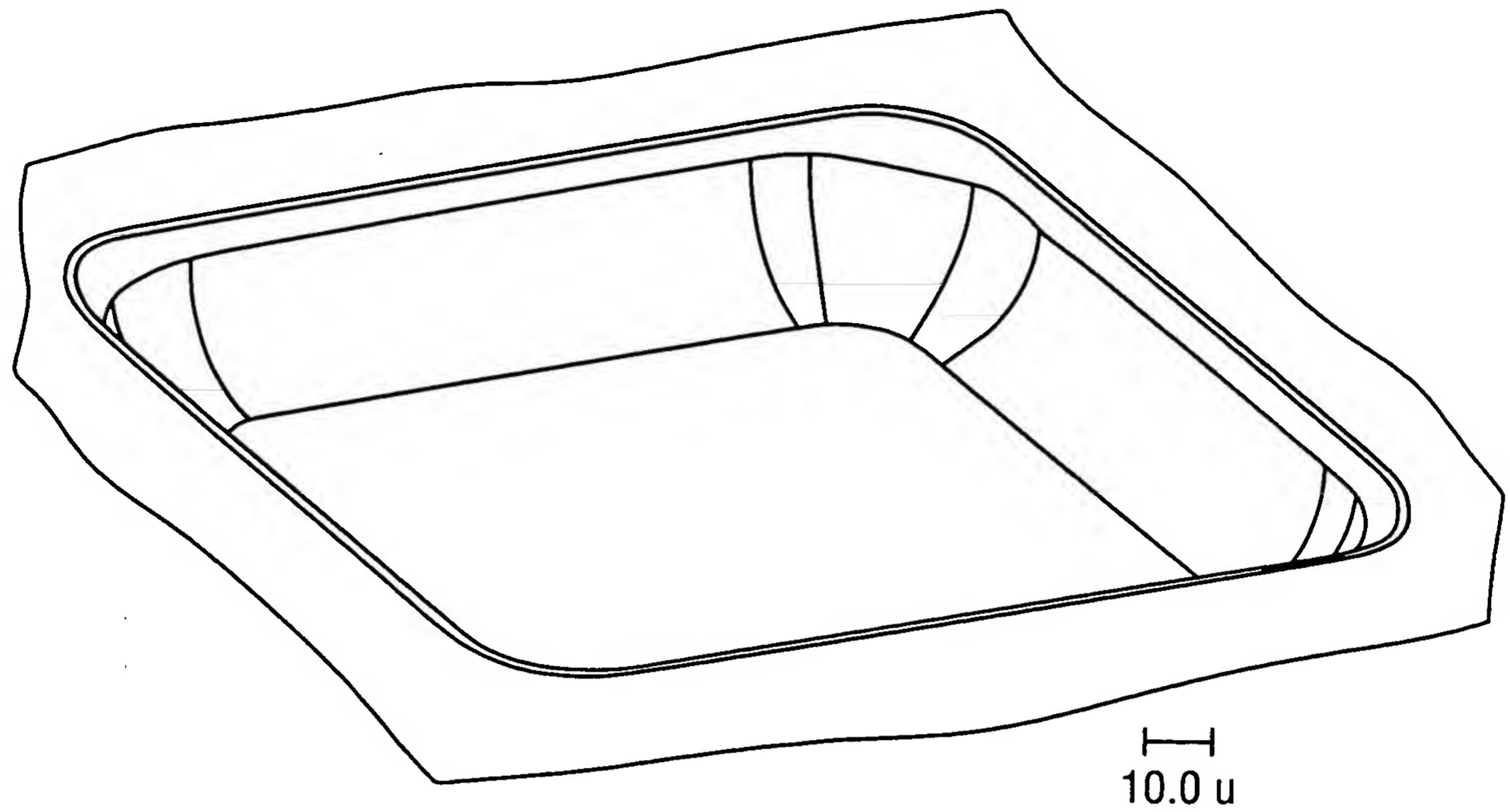


FIG. 3H

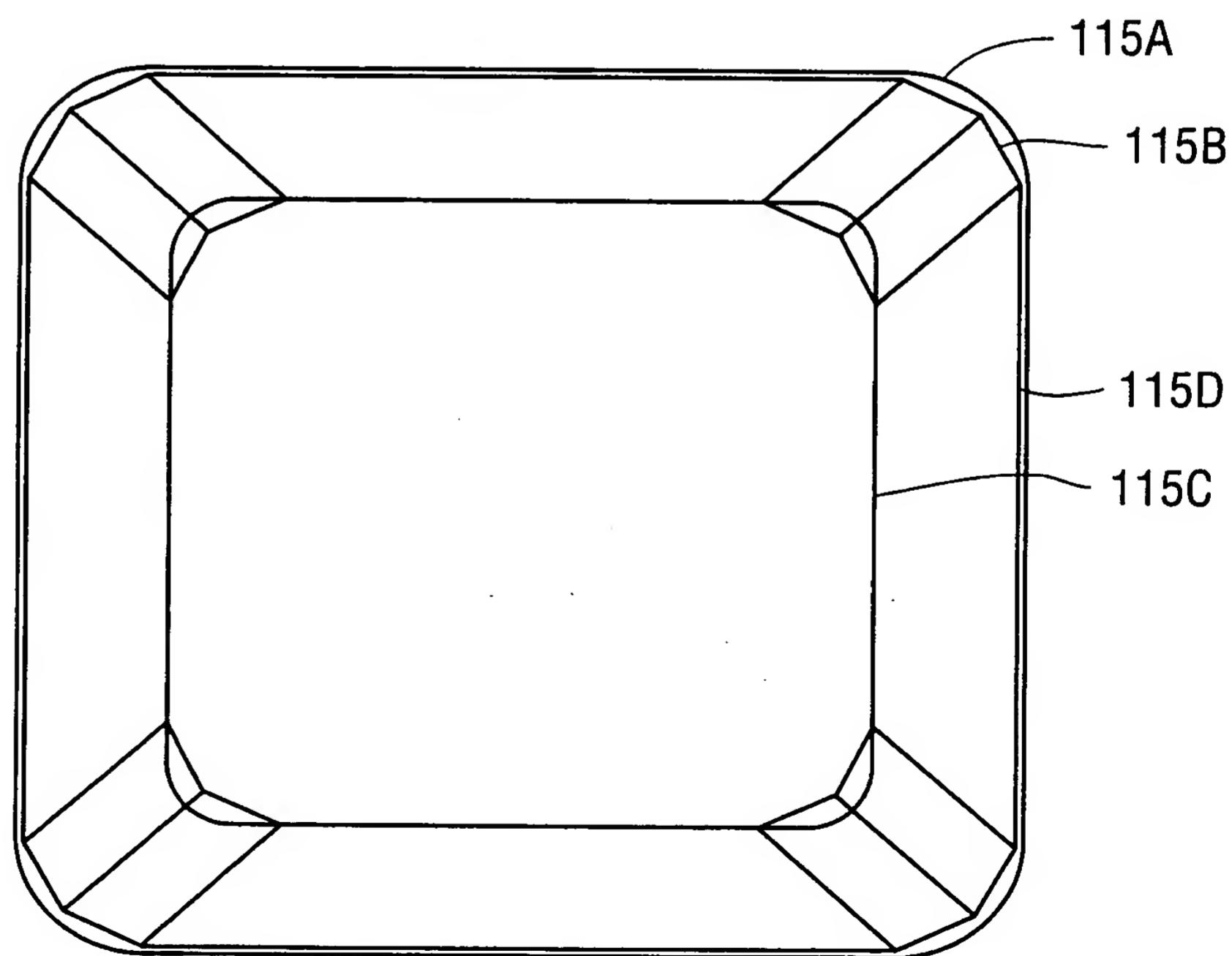


FIG. 3I

FIG. 4A

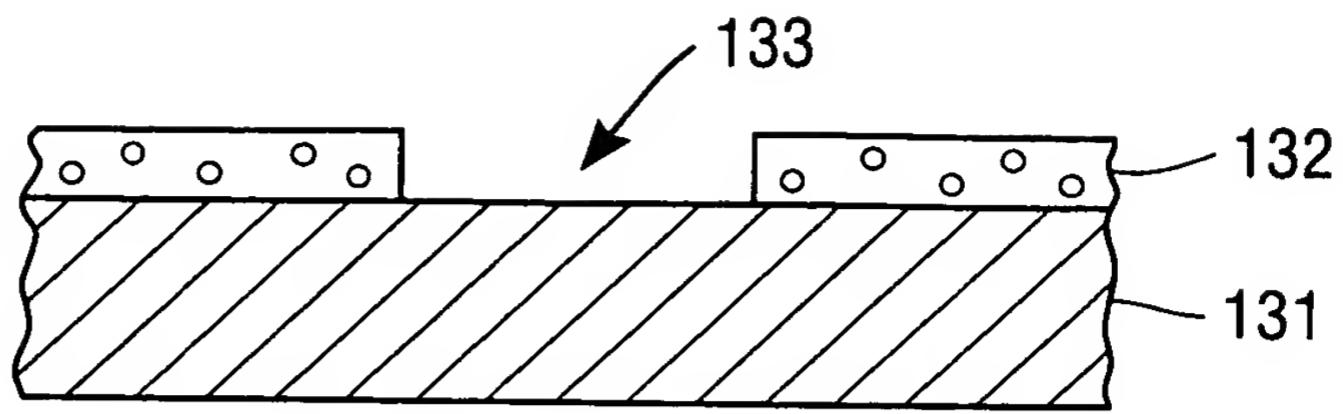


FIG. 4B

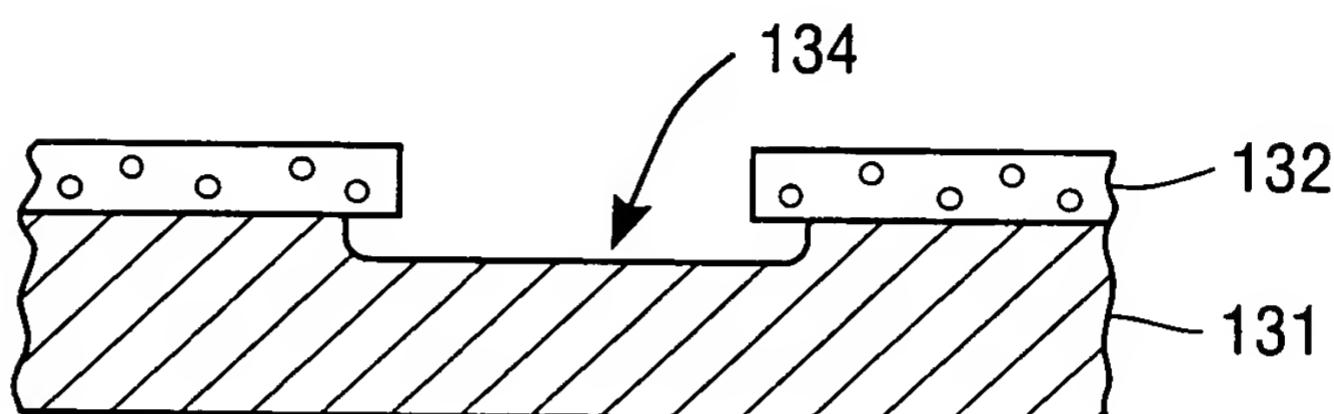


FIG. 4C

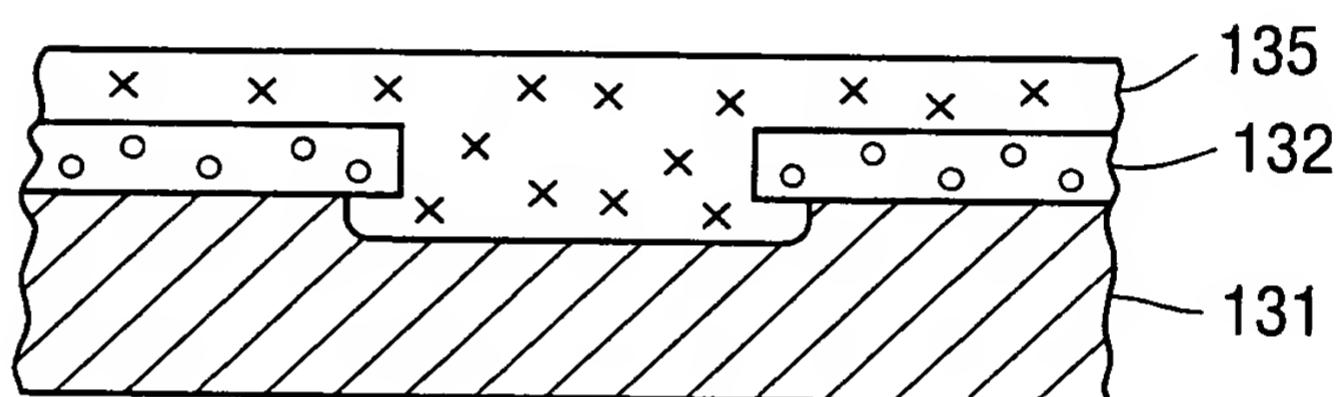


FIG. 4D

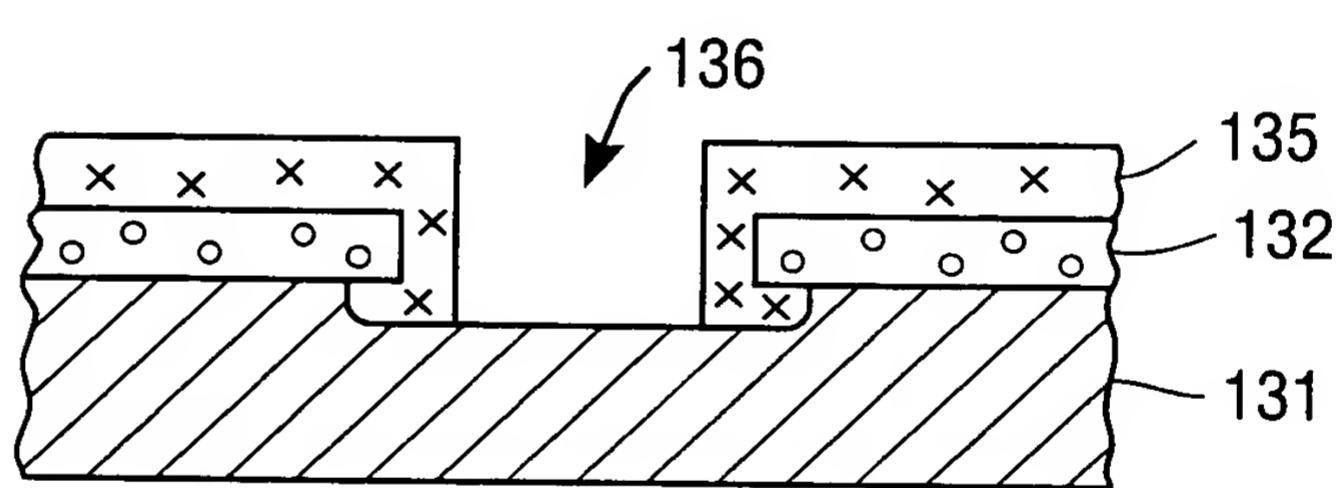


FIG. 4E

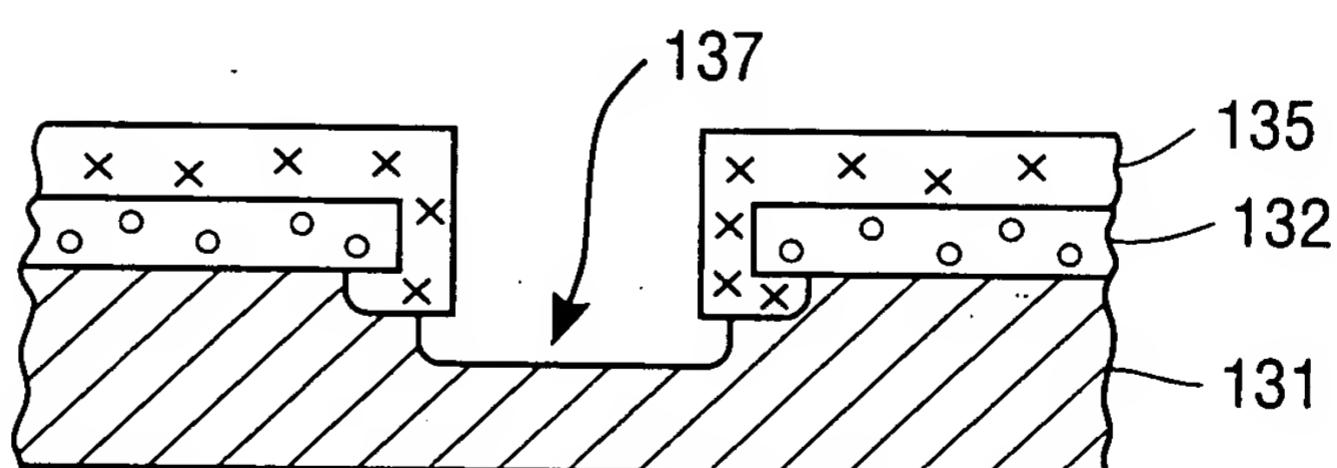


FIG. 4F

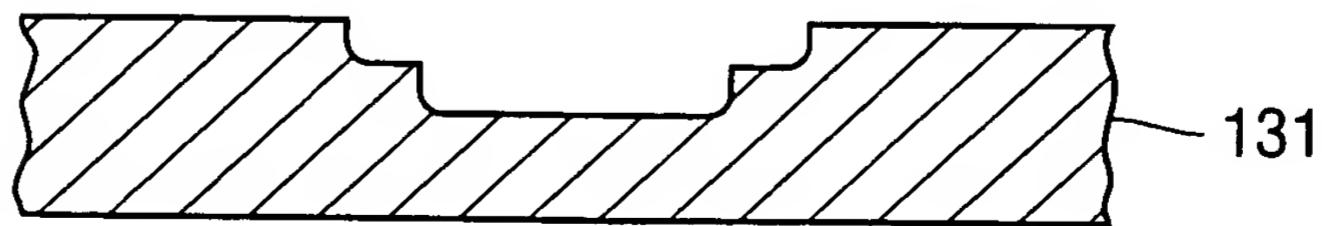


FIG. 5A

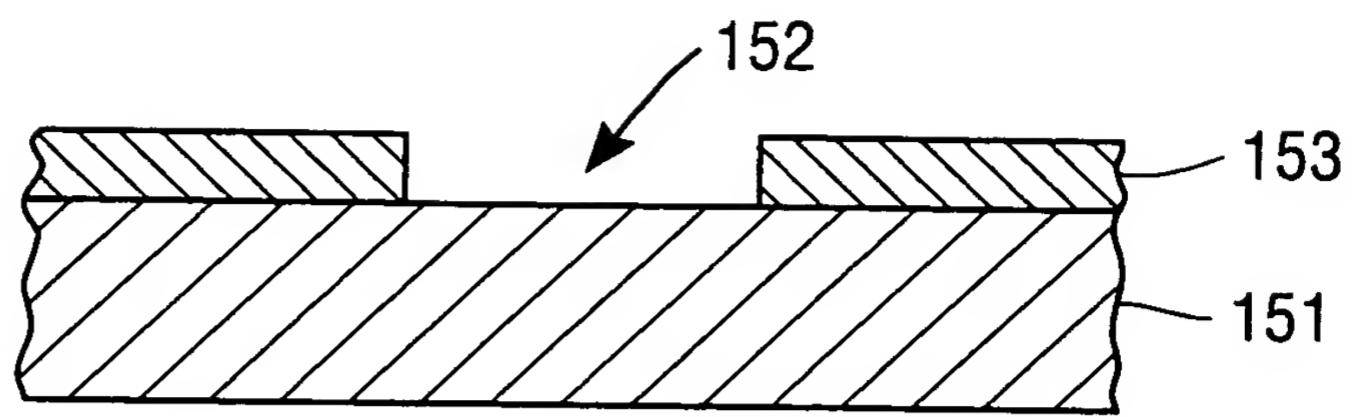


FIG. 5B

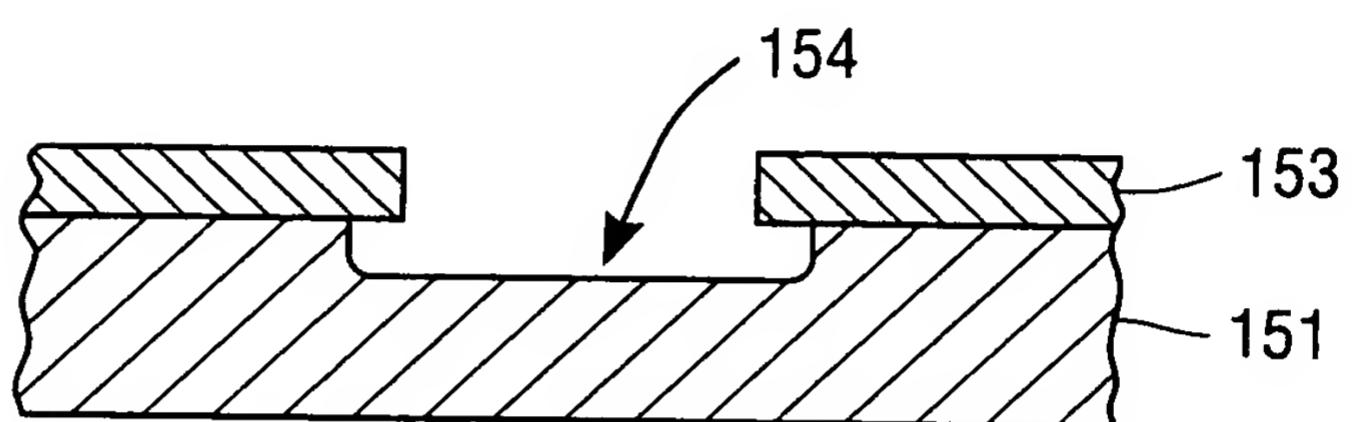


FIG. 5C

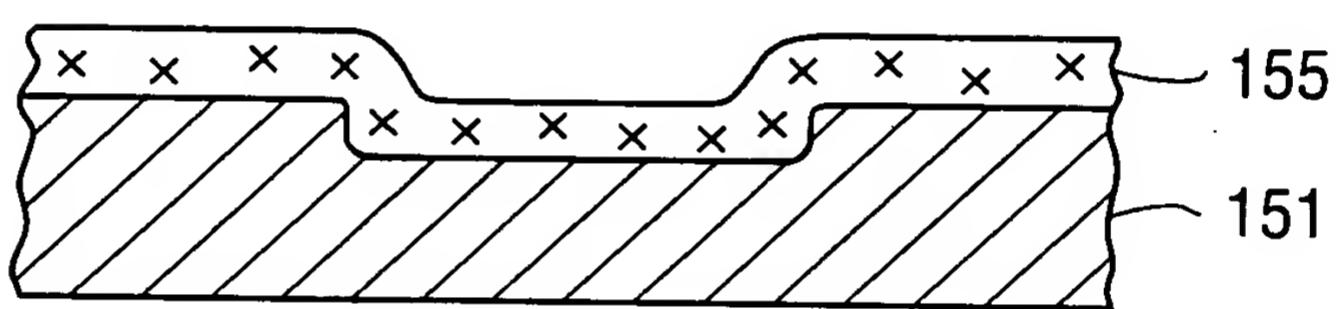


FIG. 5D

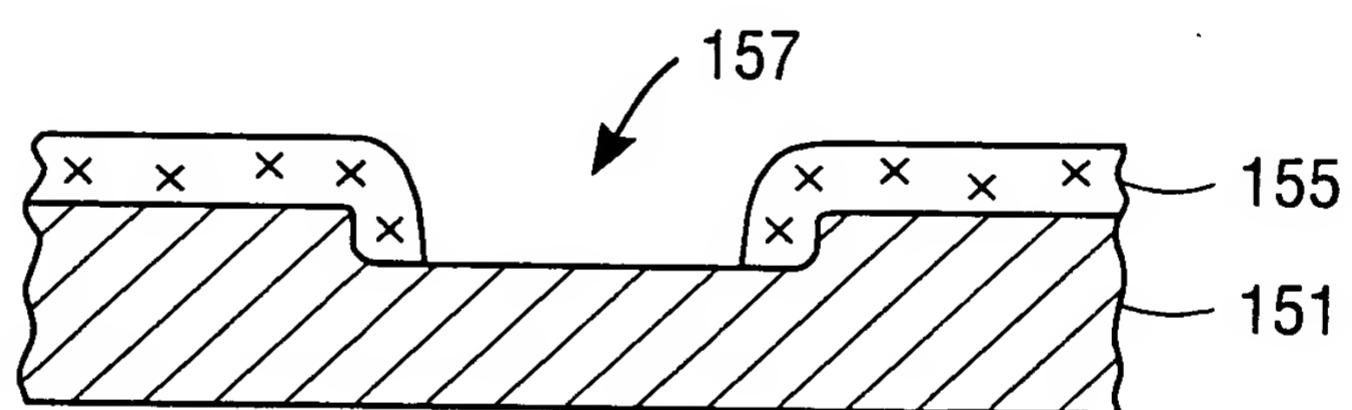


FIG. 5E

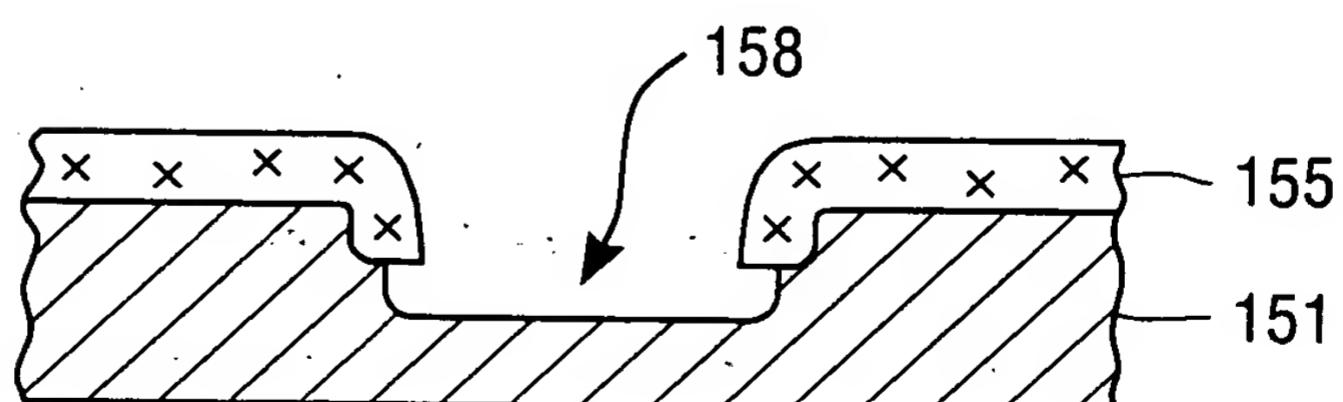


FIG. 5F

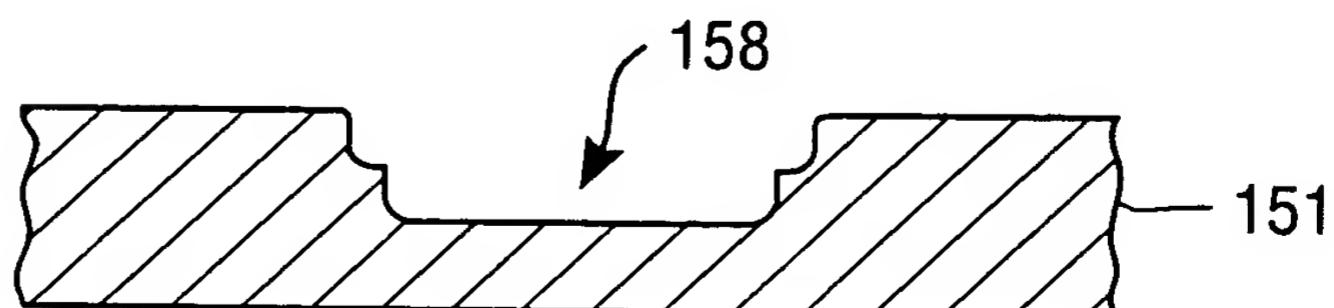


FIG. 6A

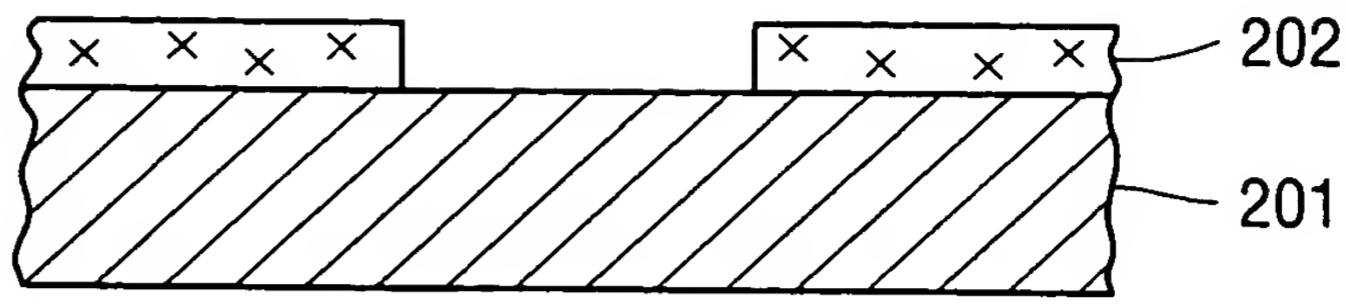


FIG. 6B

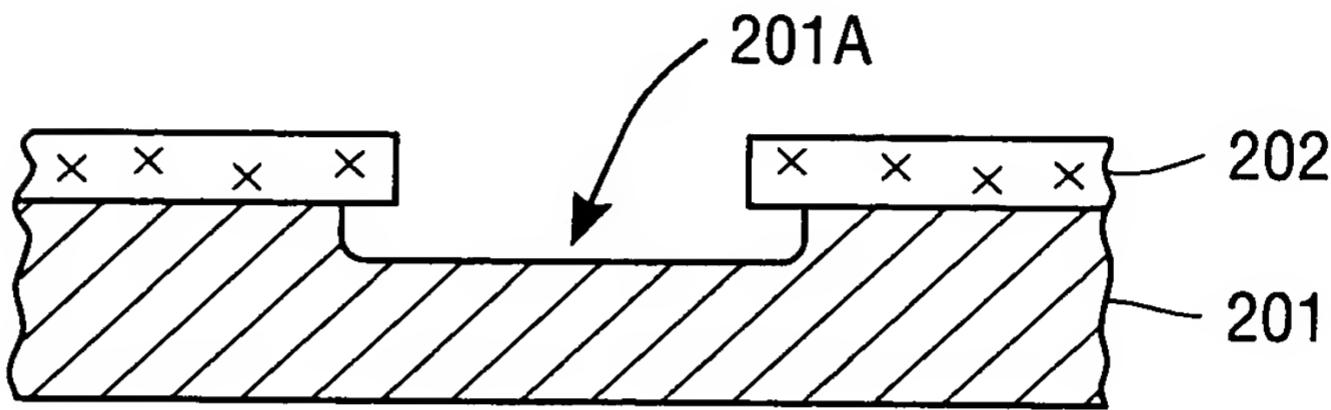


FIG. 6C

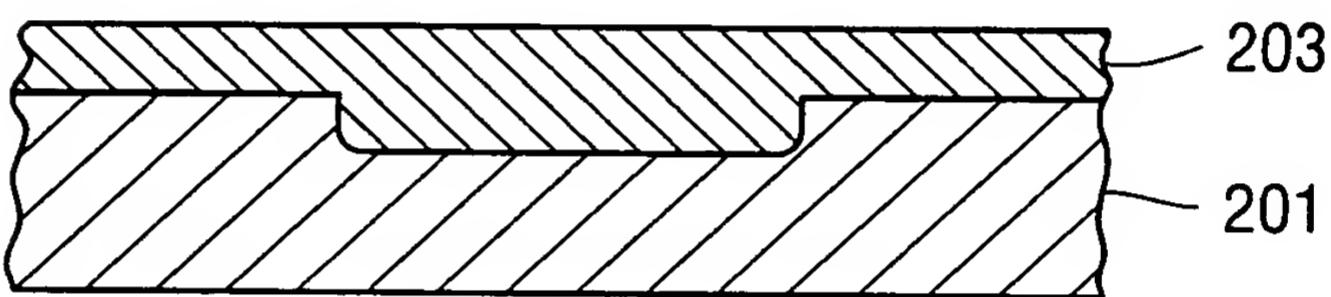


FIG. 6D

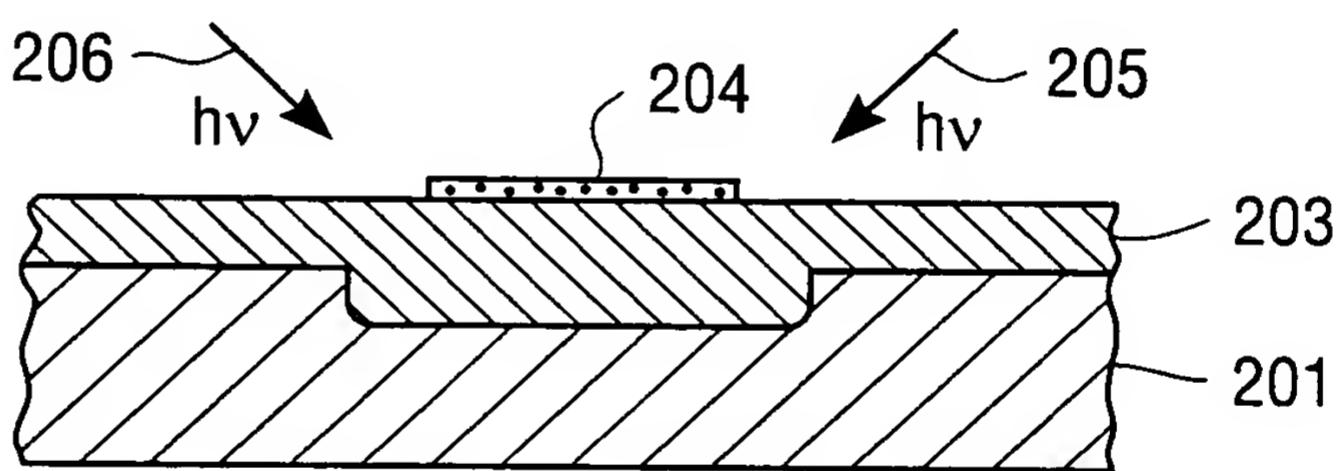


FIG. 6E

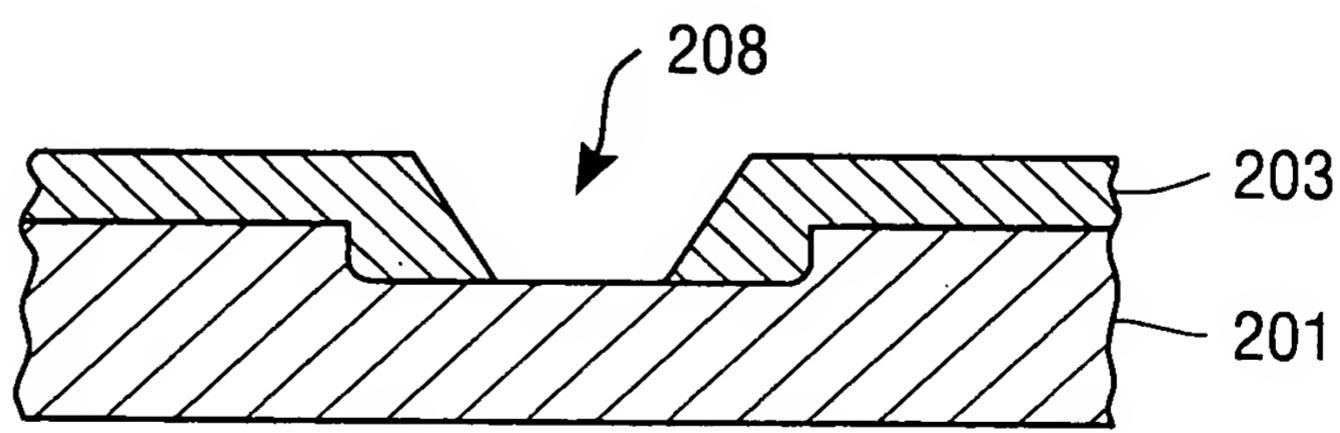


FIG. 6F

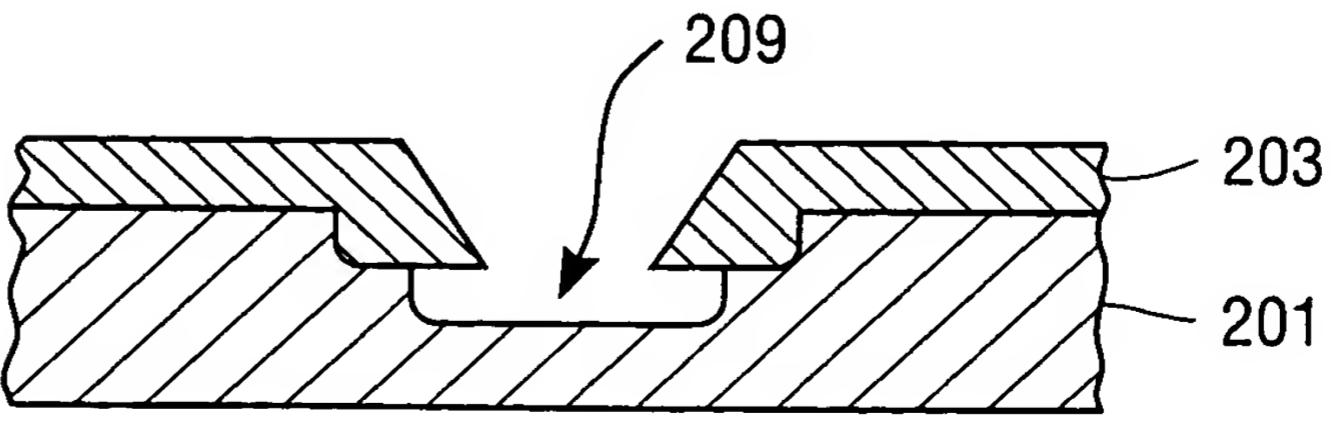


FIG. 7A

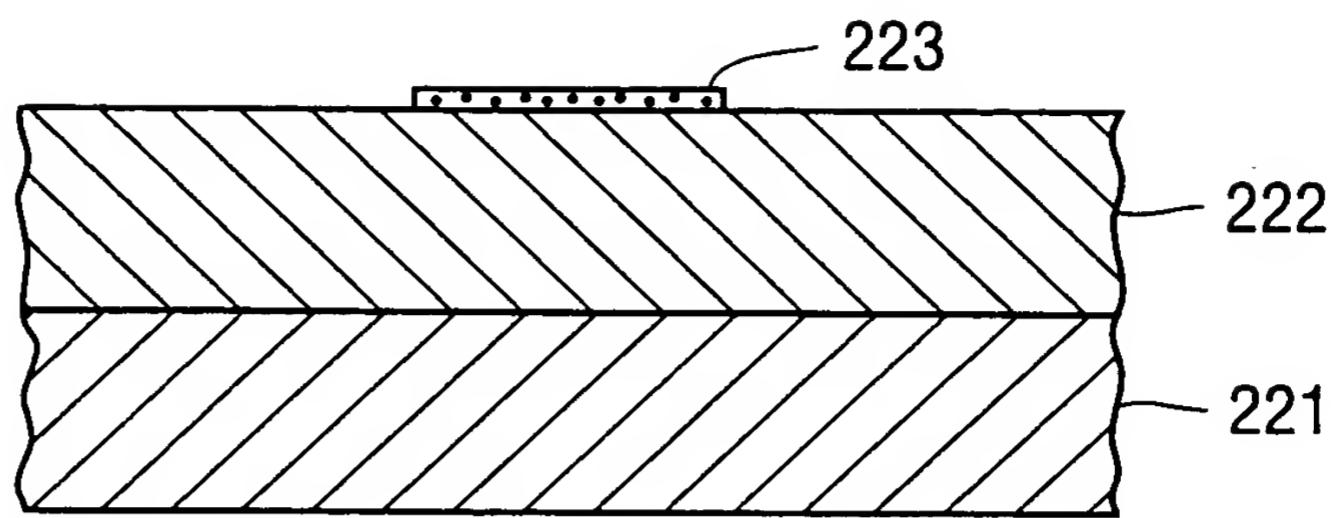


FIG. 7B

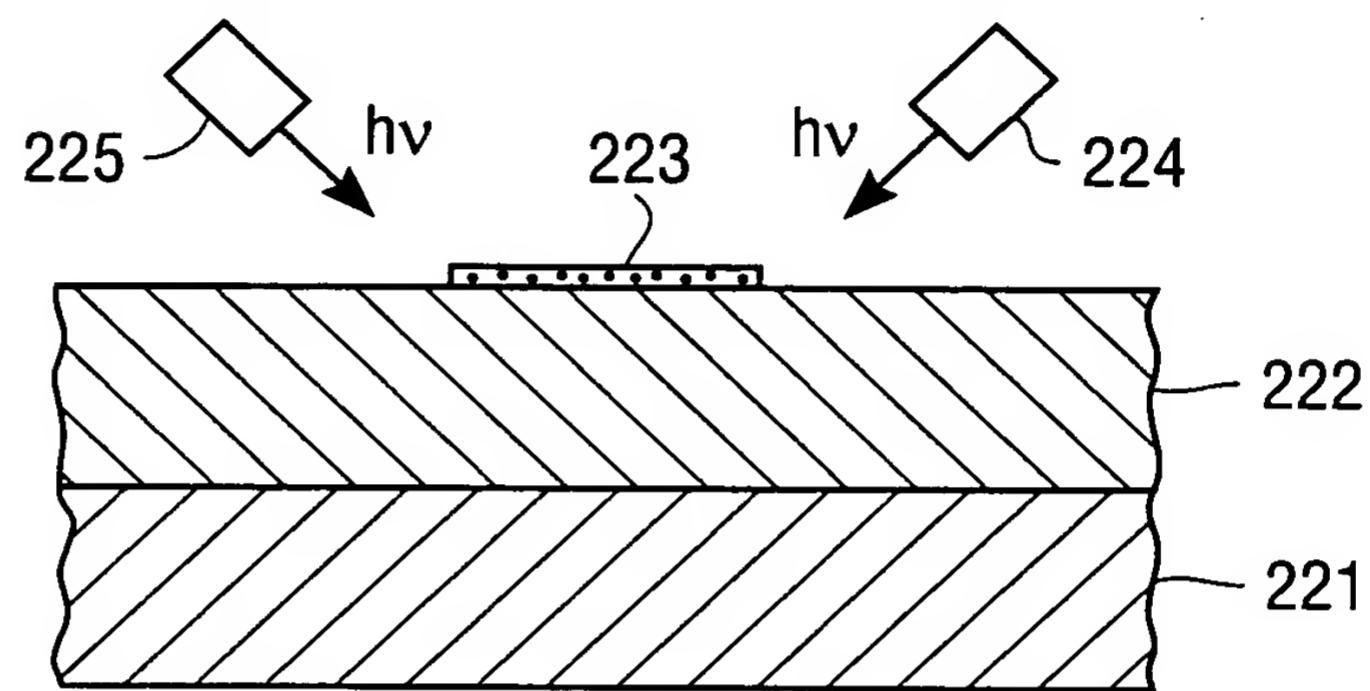


FIG. 7C

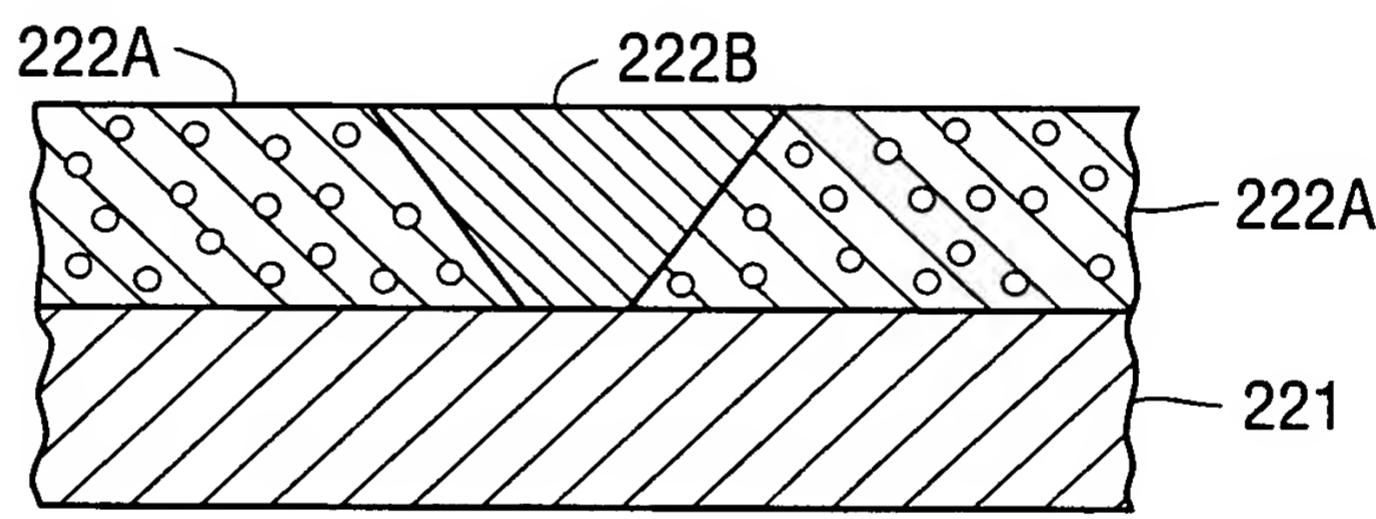


FIG. 7D

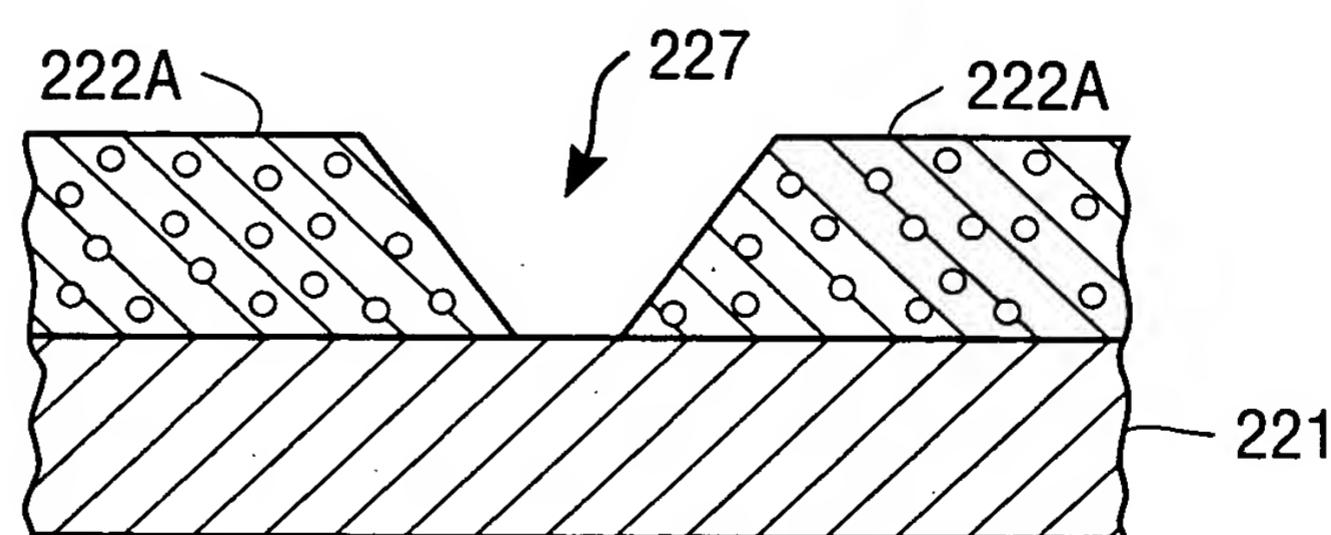


FIG. 7E

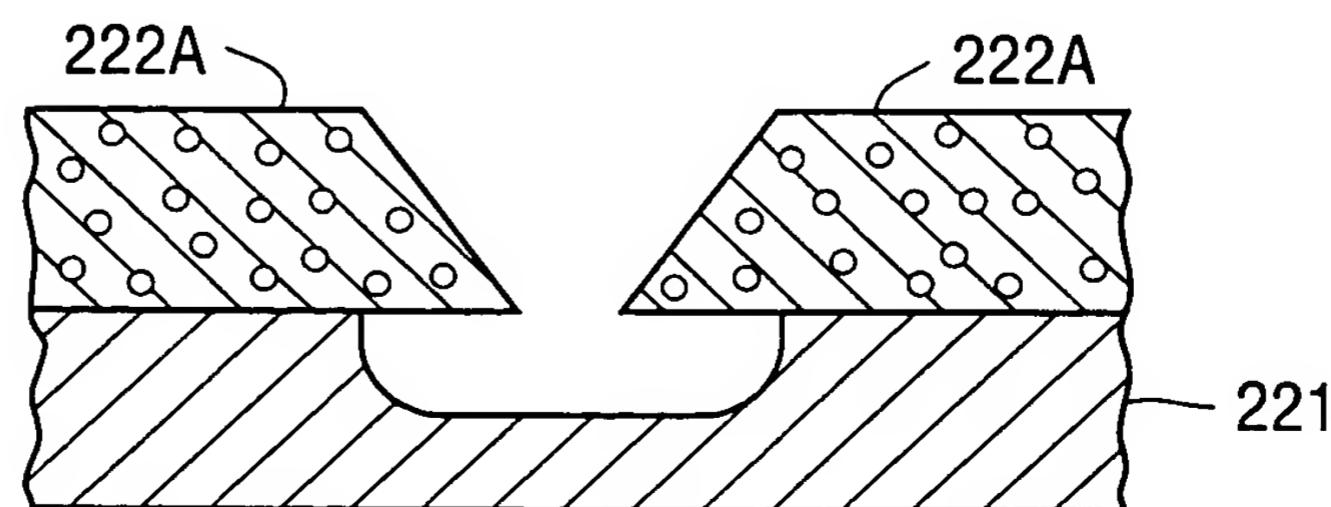


FIG. 8A

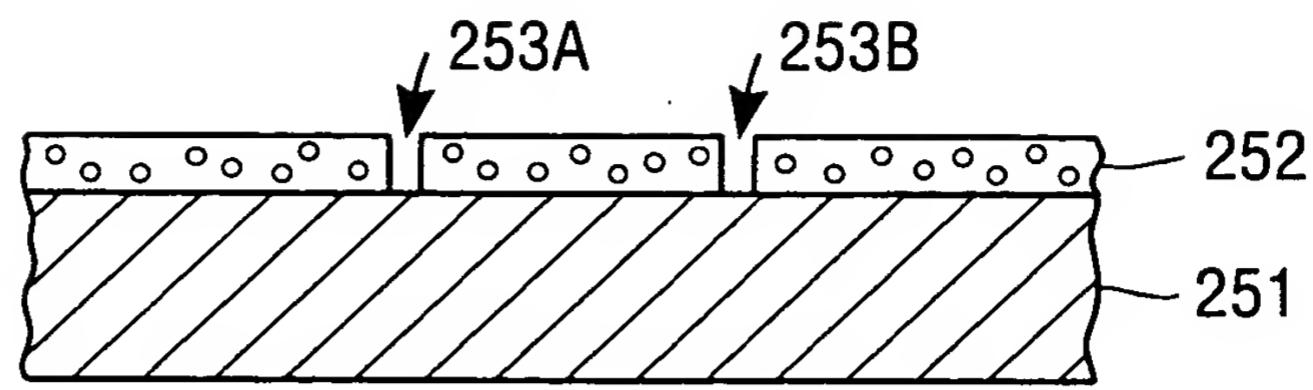


FIG. 8B

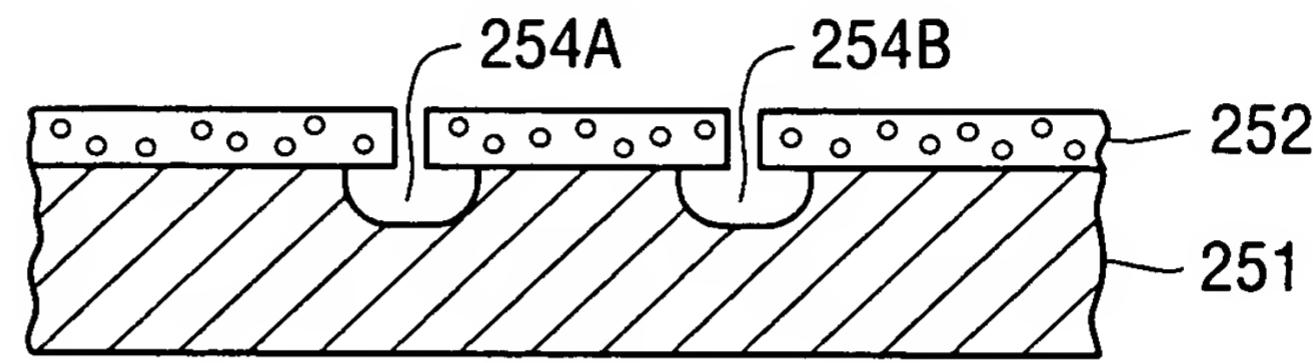


FIG. 8C

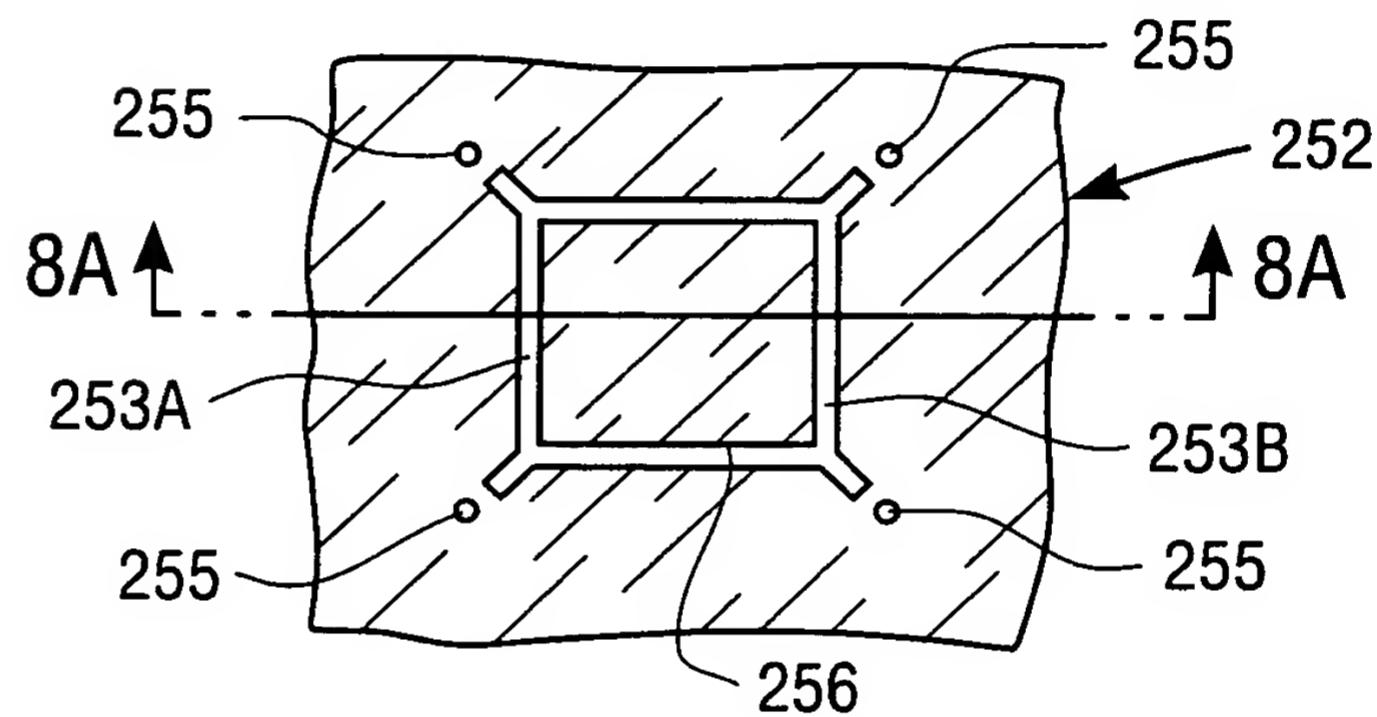


FIG. 8D

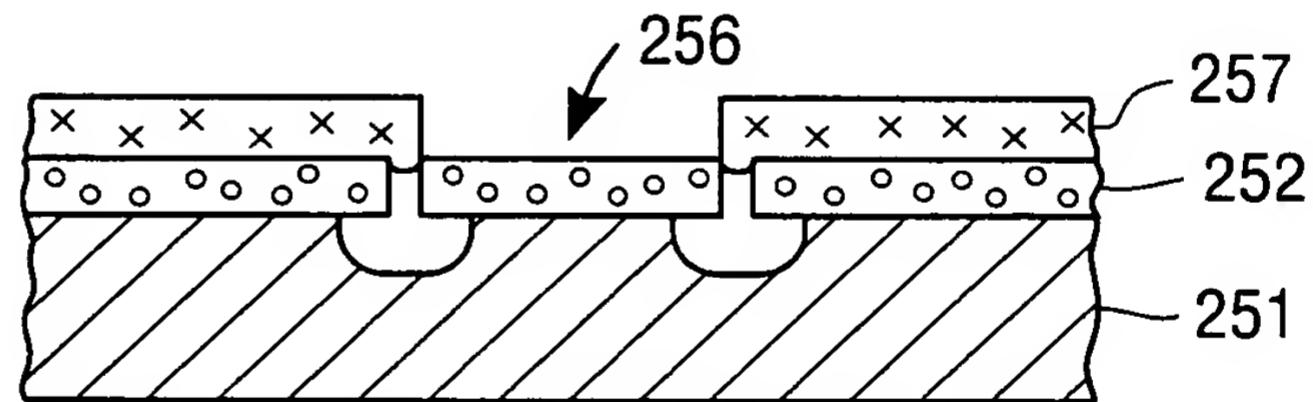


FIG. 8E

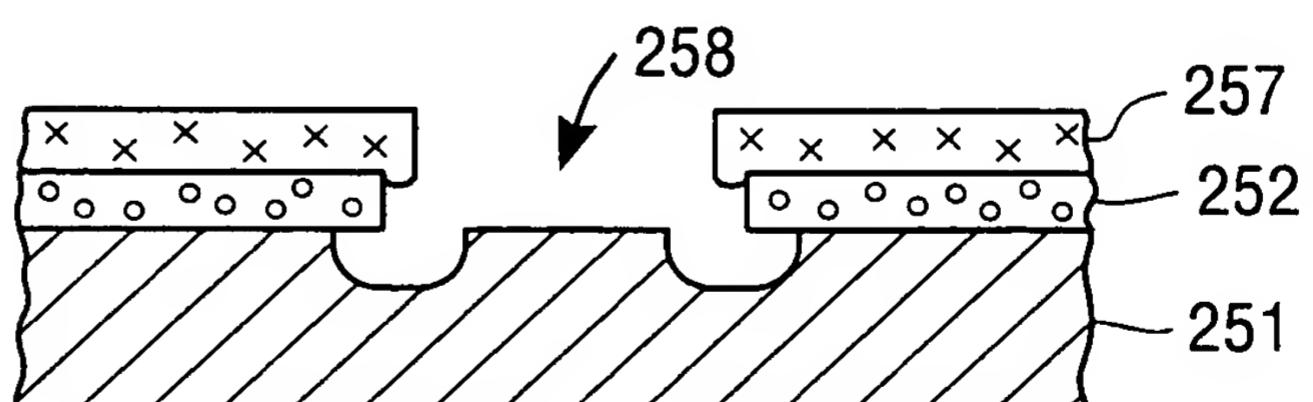
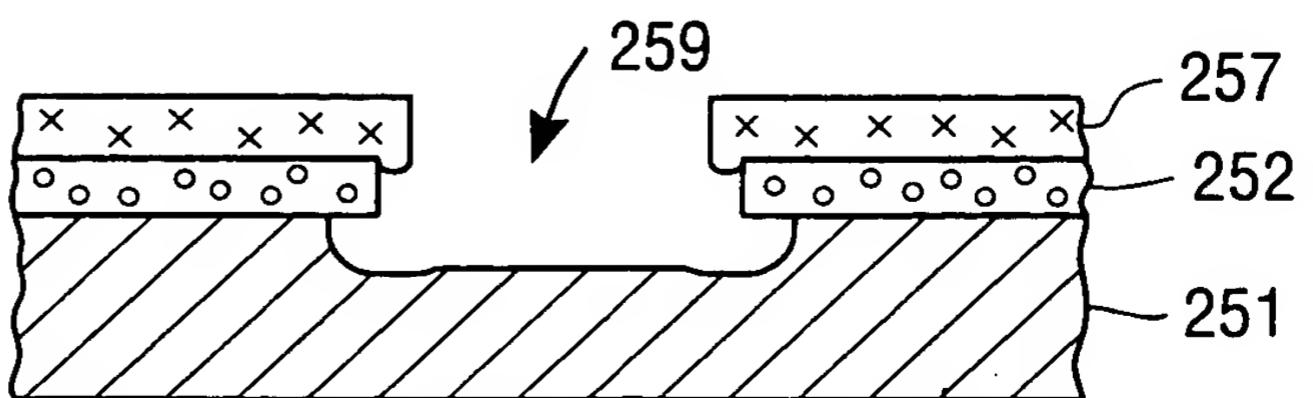


FIG. 8F



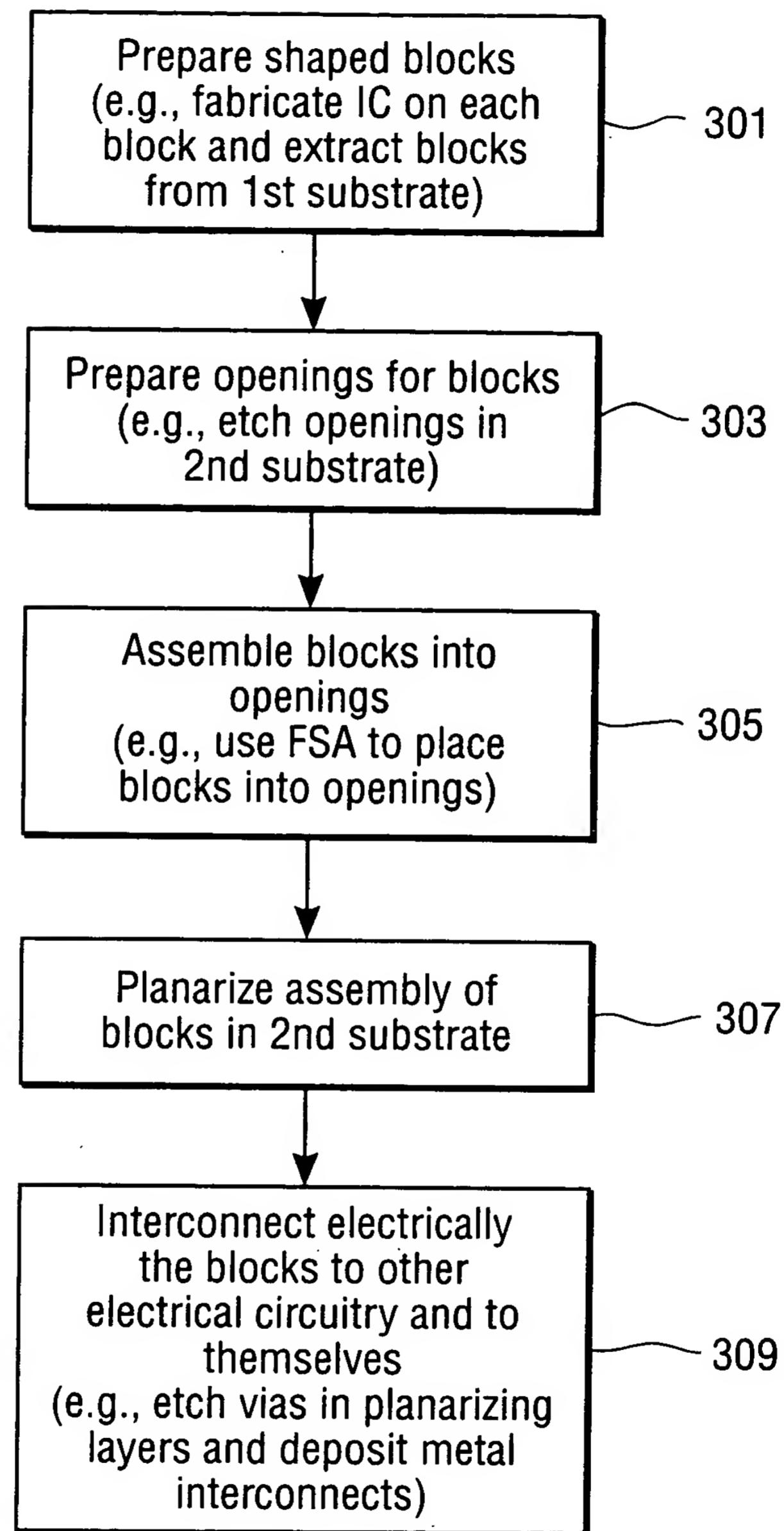


FIG. 9A

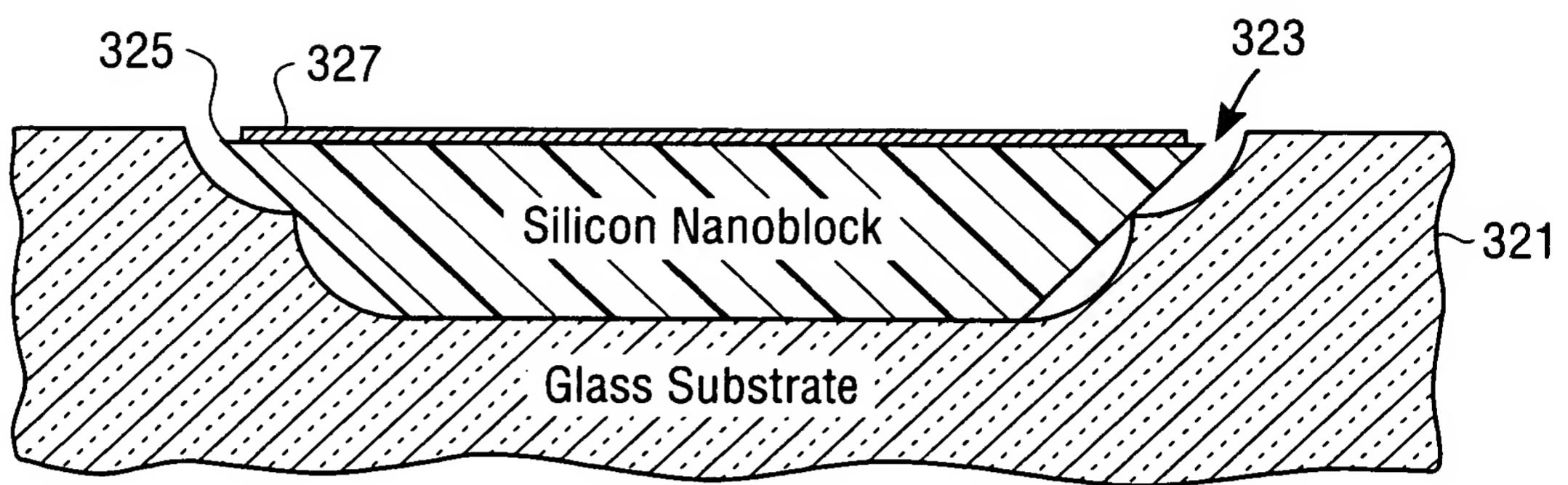


FIG. 9B

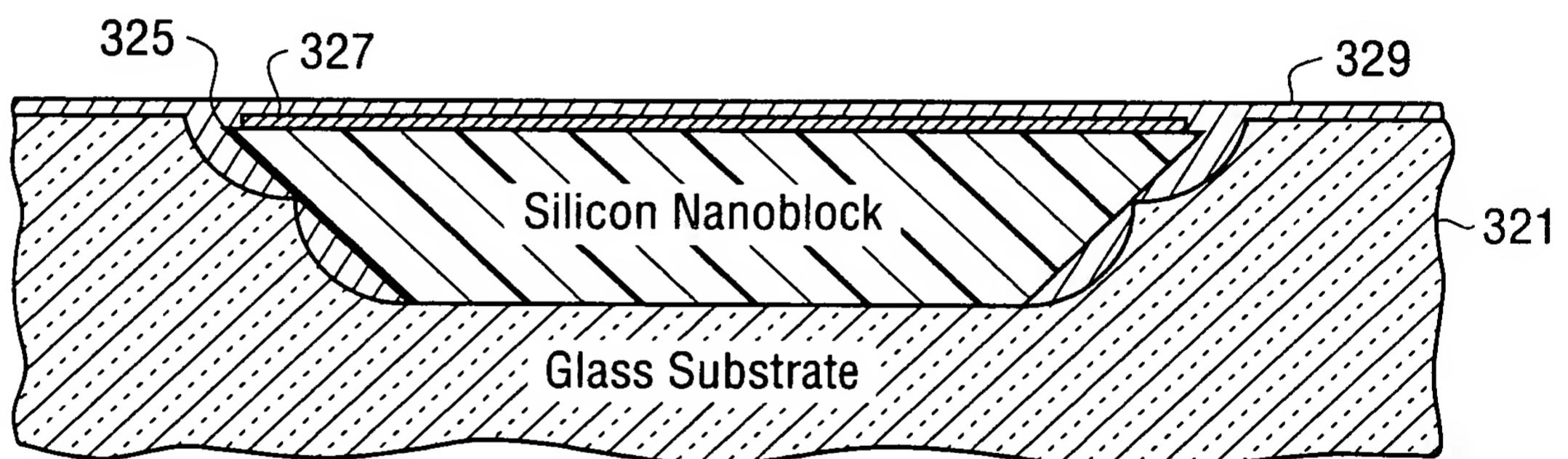


FIG. 9C

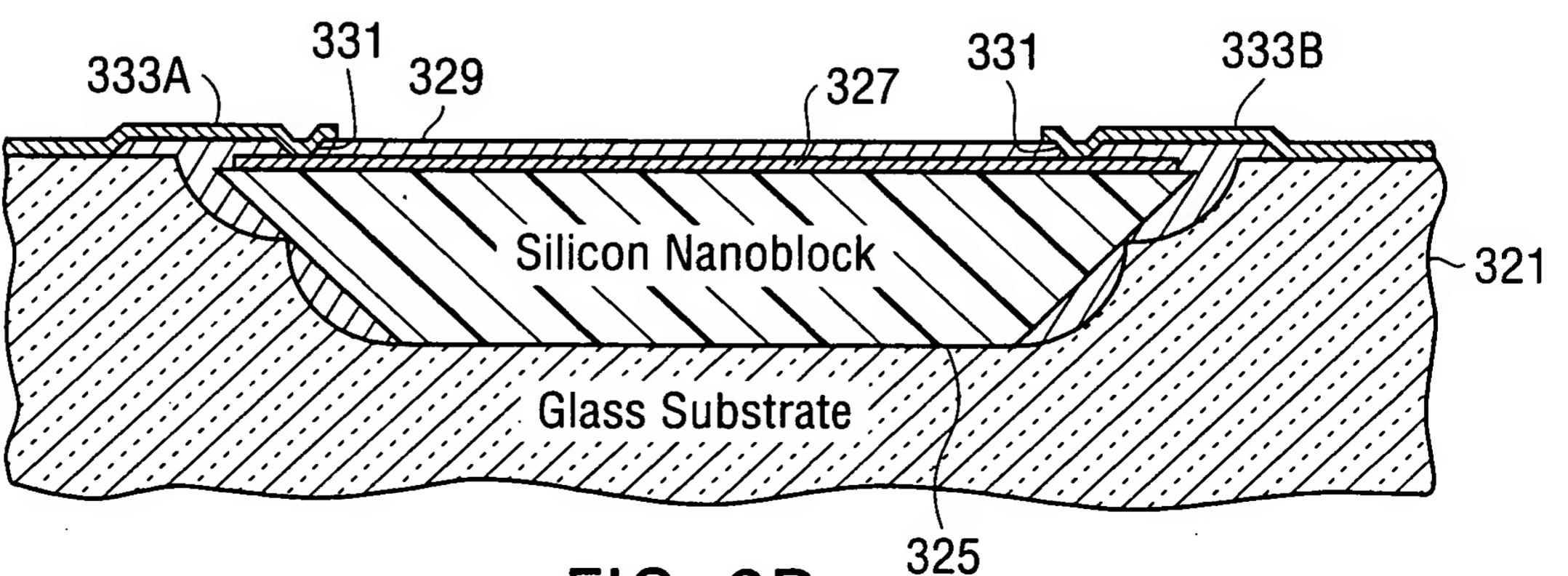


FIG. 9D

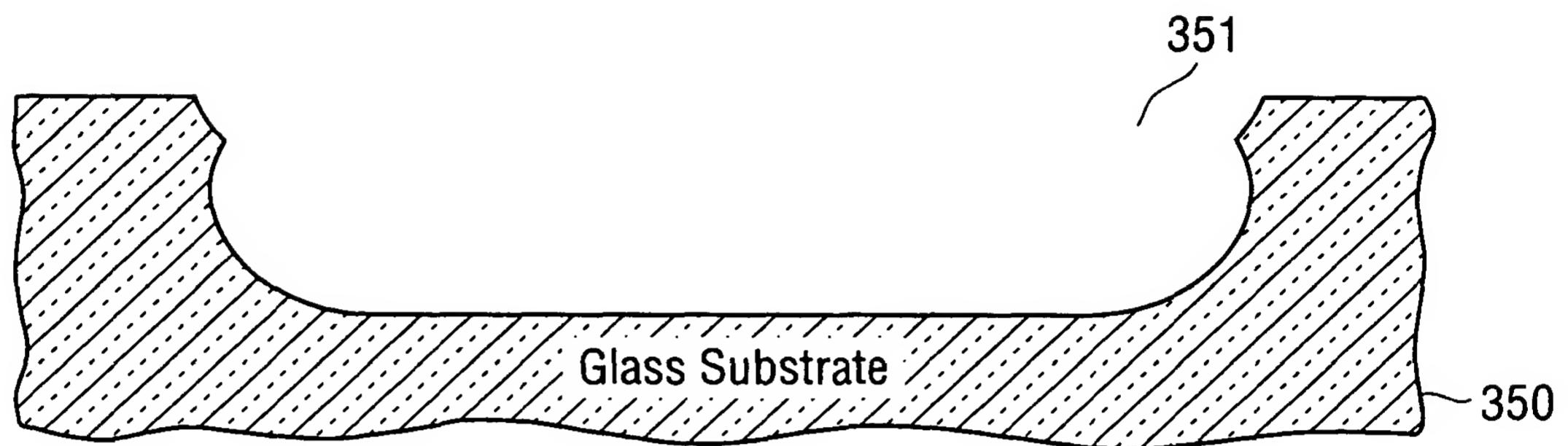


FIG. 9E

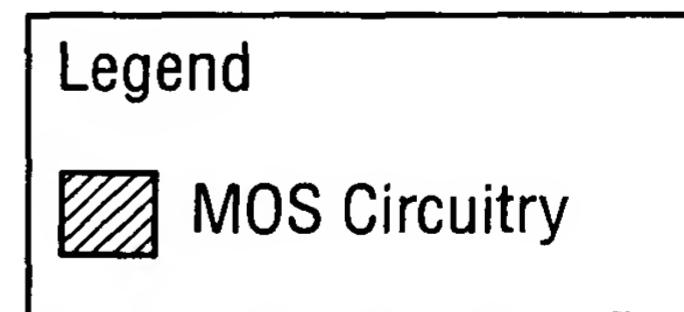
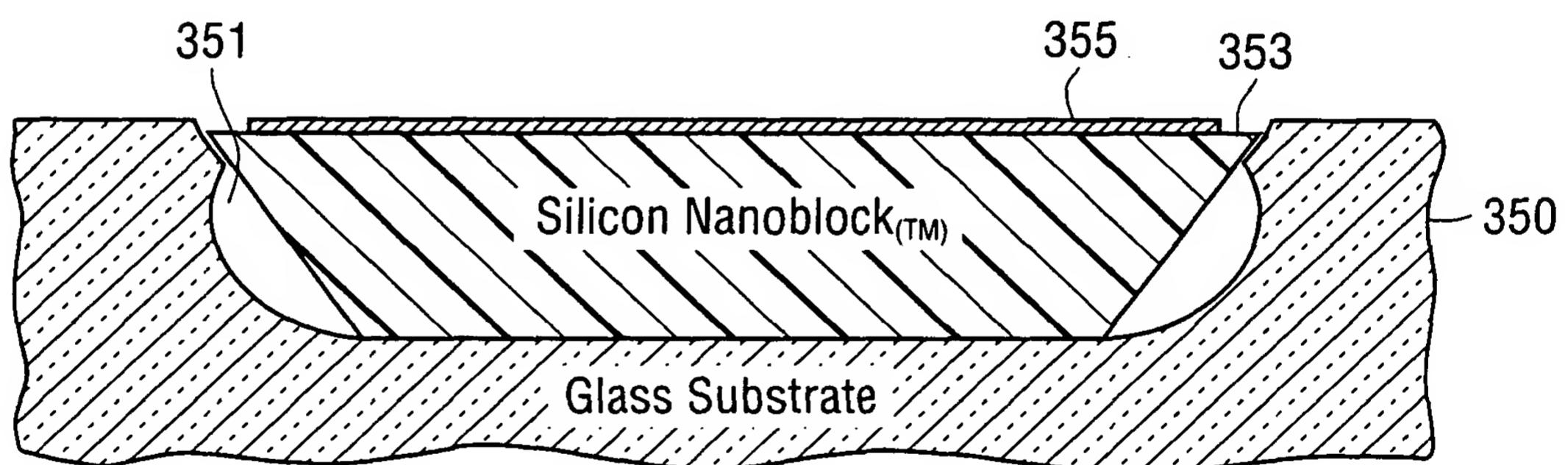


FIG. 9F

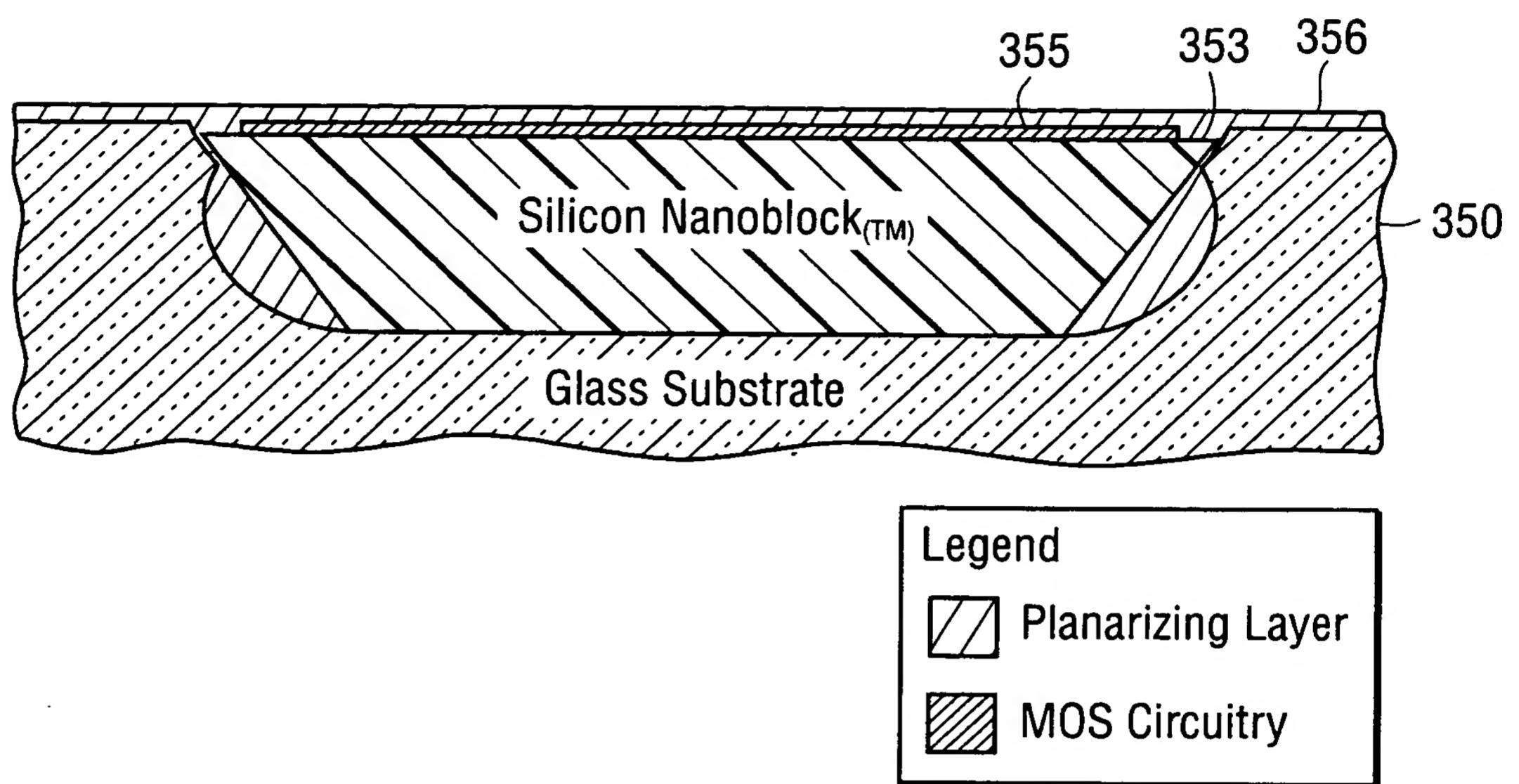


FIG. 9G

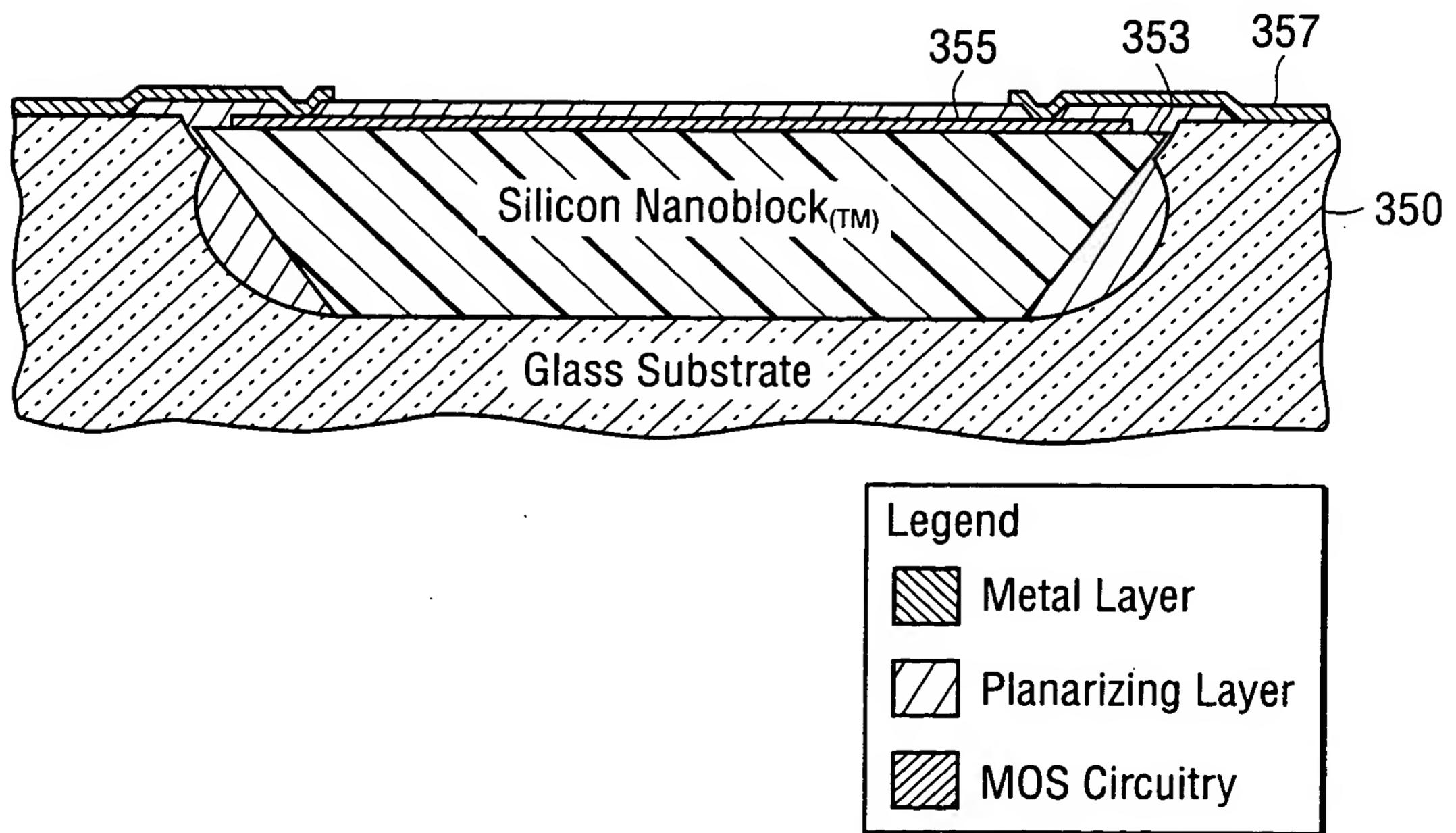


FIG. 9H

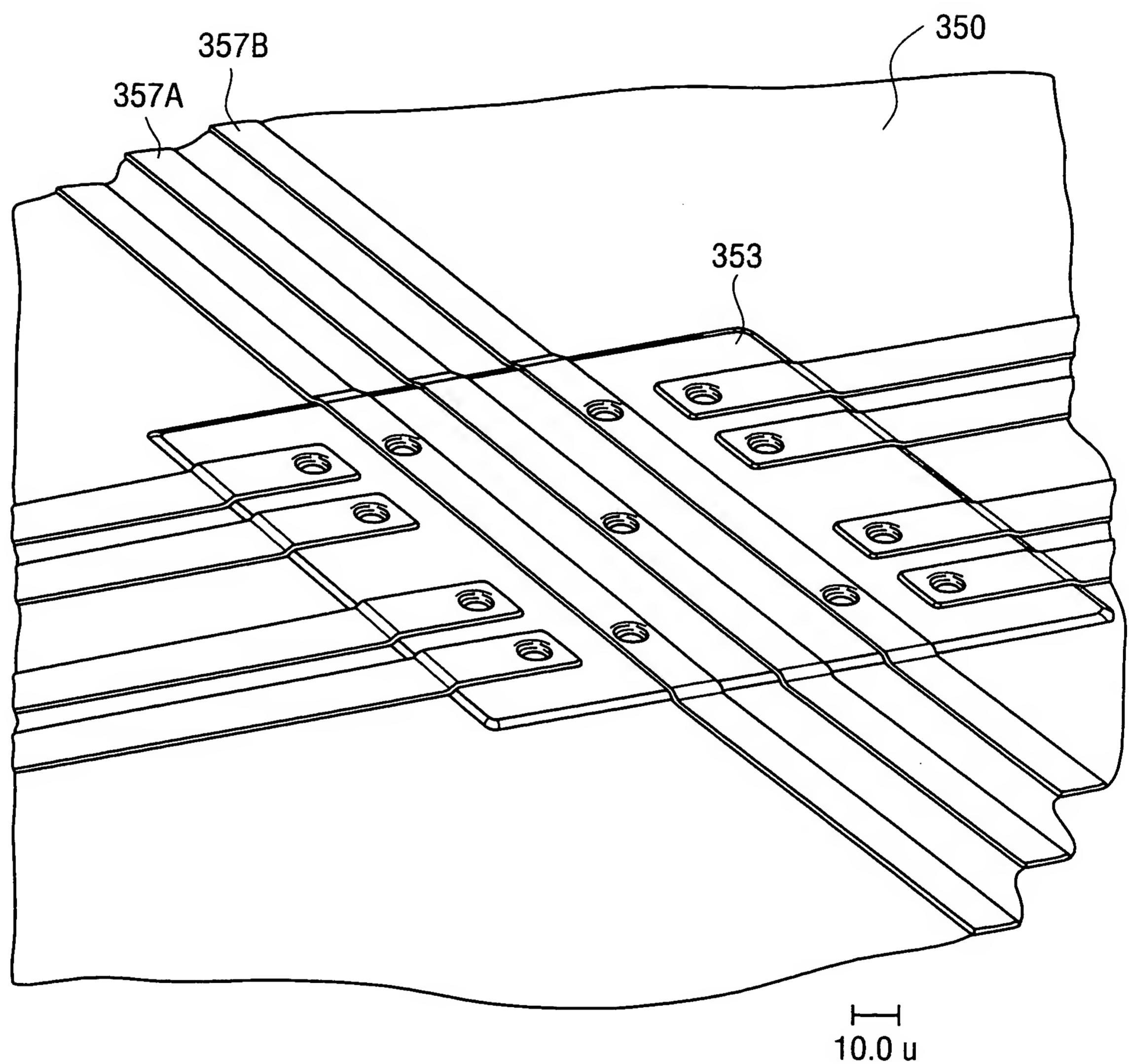


FIG. 9I

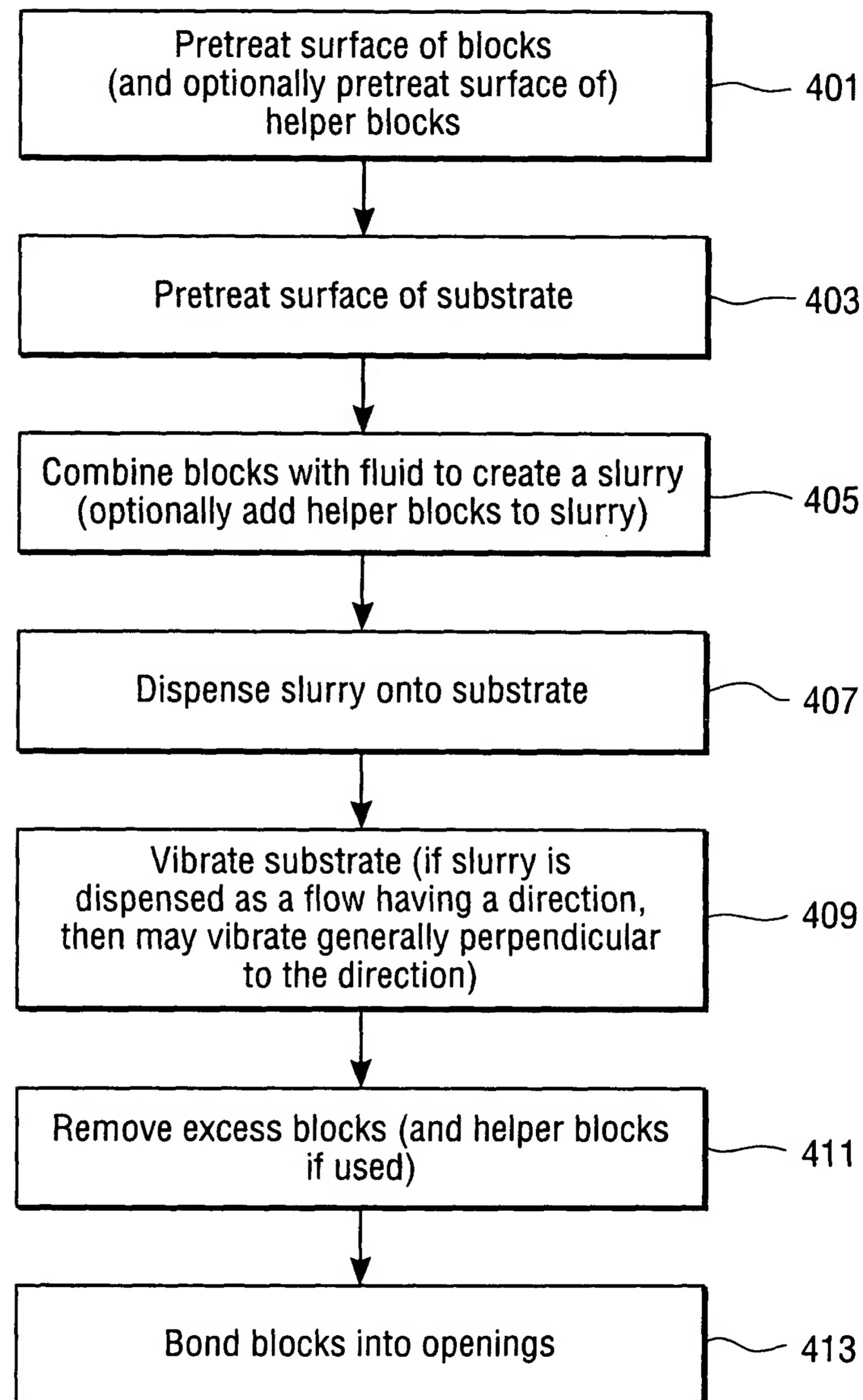


FIG. 10

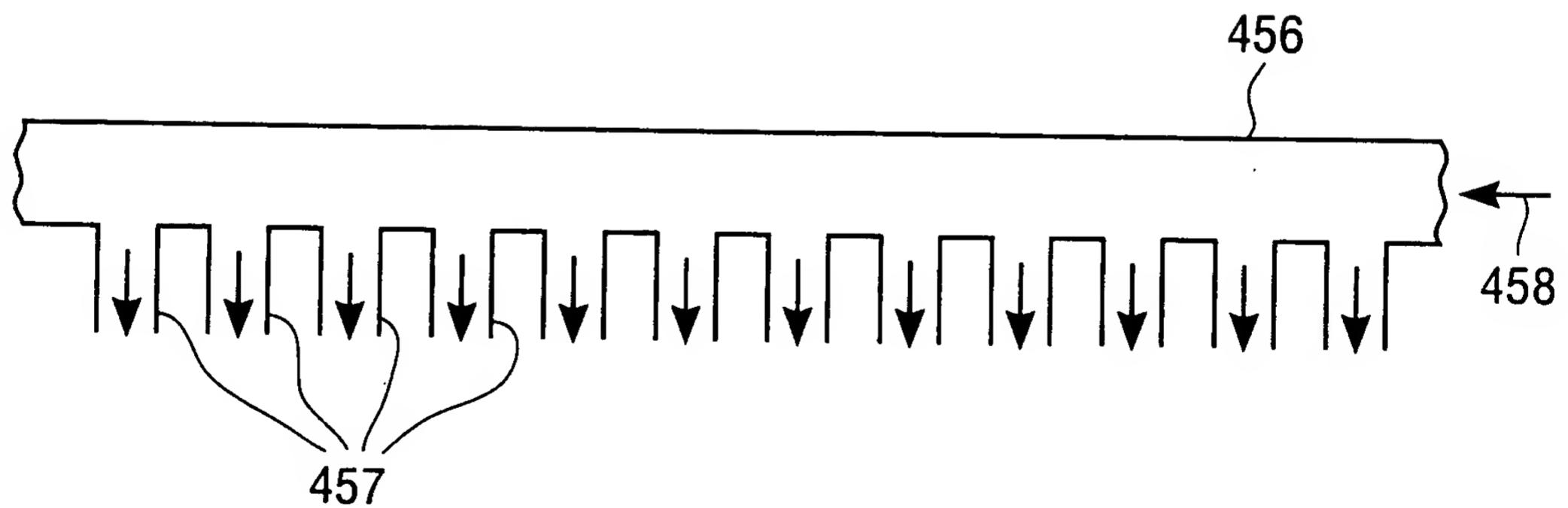
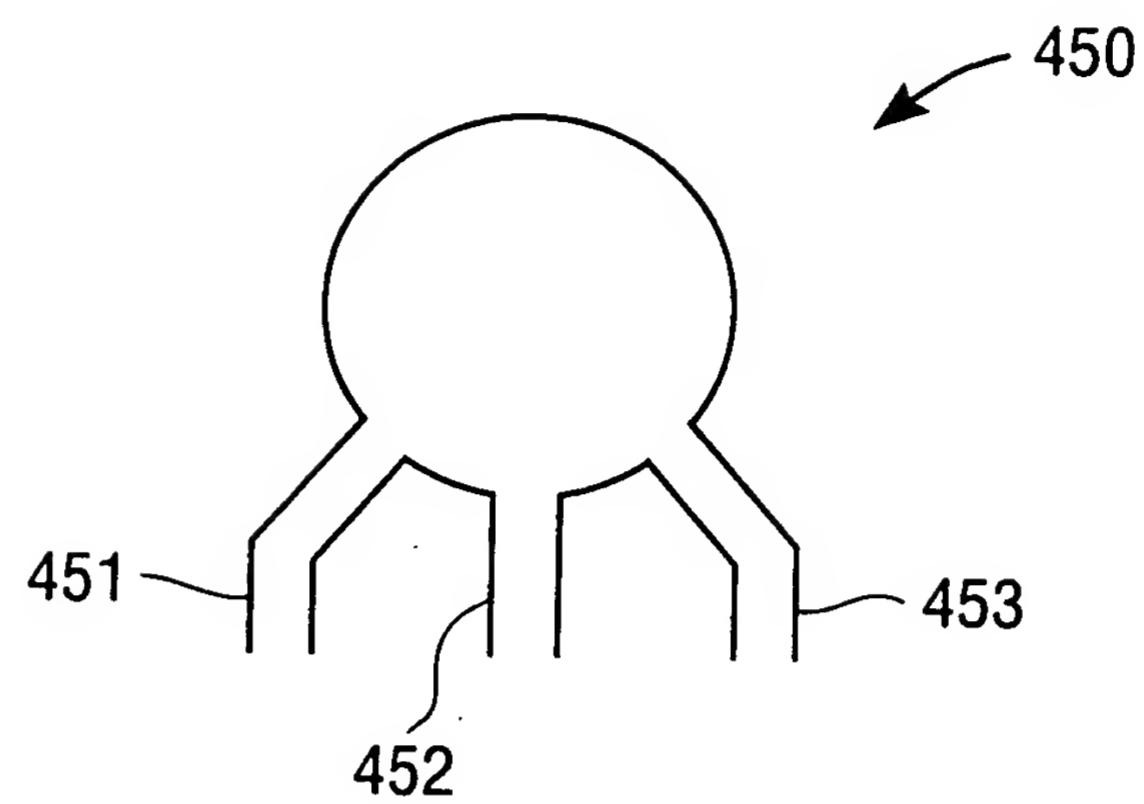


FIG. 11B

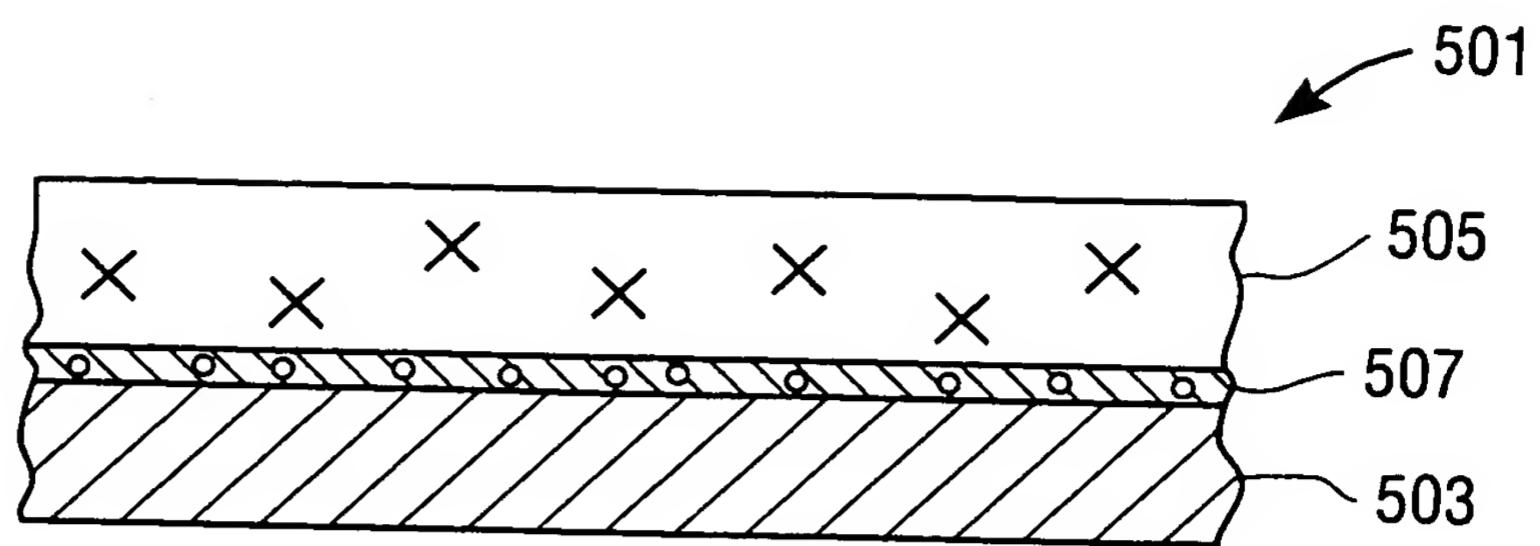


FIG. 12A

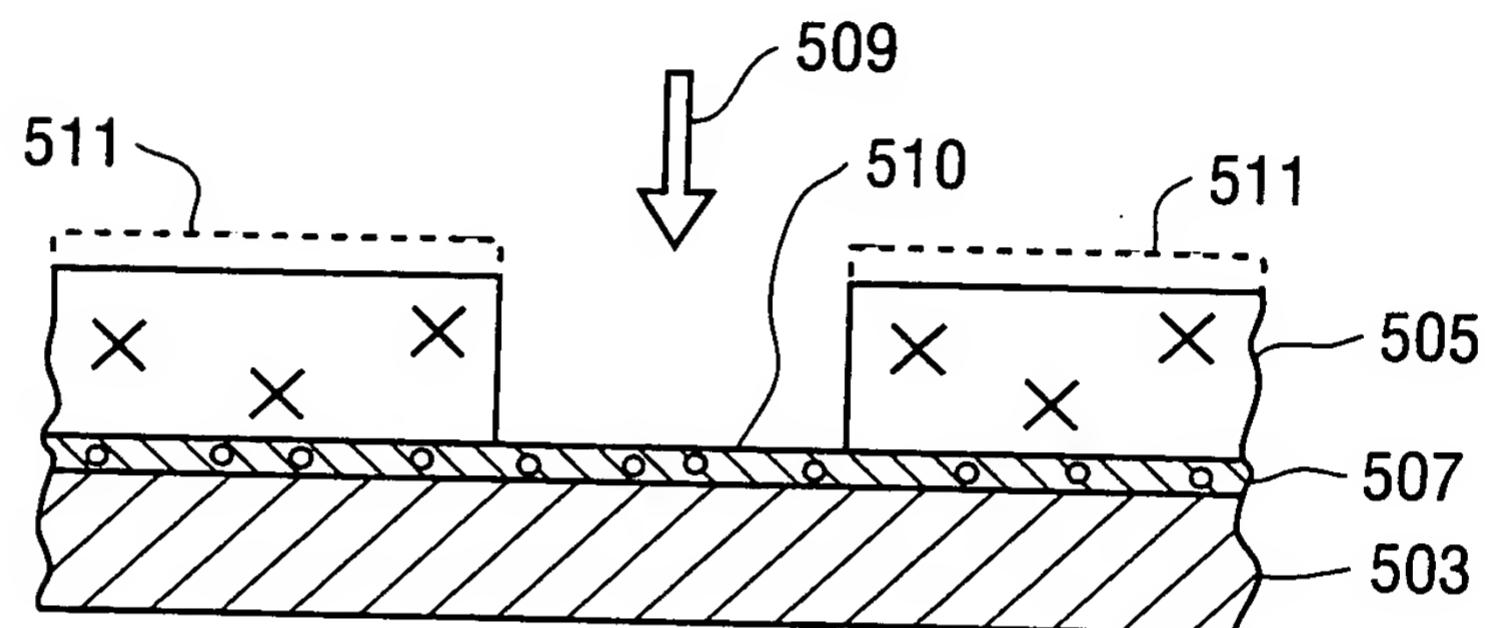


FIG. 12B

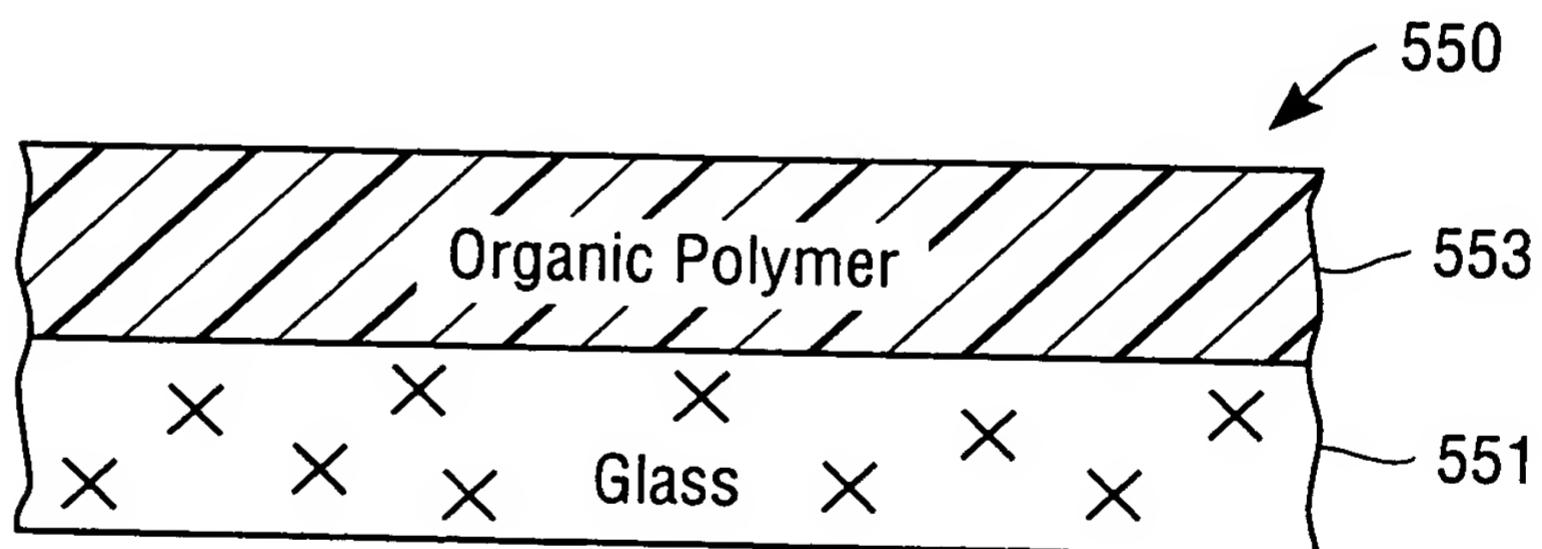


FIG. 13A

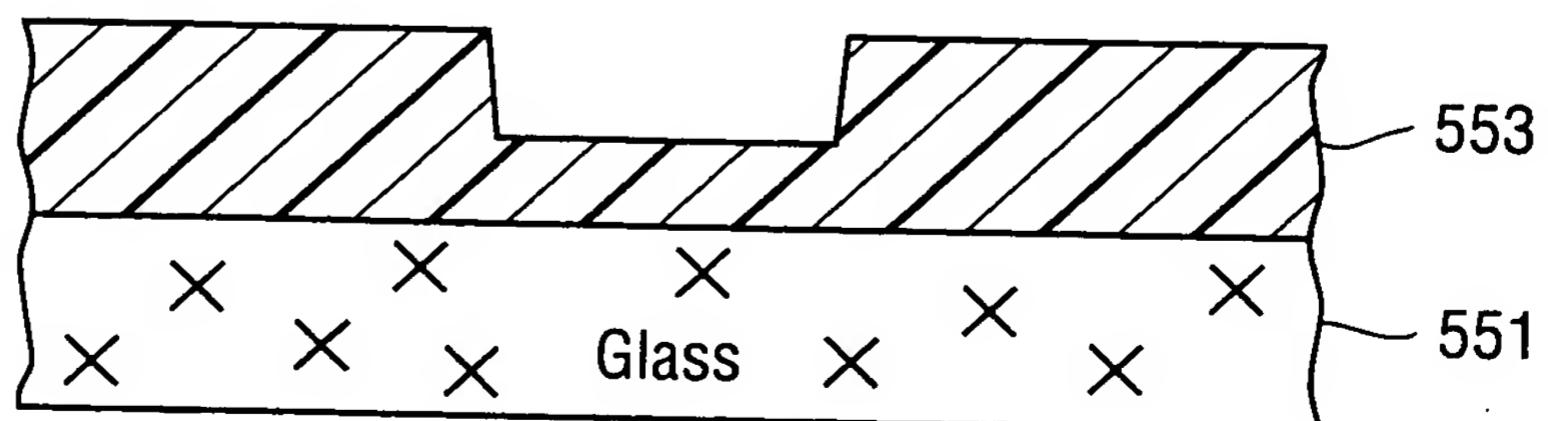


FIG. 13B